

## Counters/Timers/Totalizers

## Group A

Price	Model	Housing	Power	Description
137.33	CT4S-2P	1/16 DIN (48x48x90 mm)	100 to 240VAC, 24 to 60VDC	Prescaling, Double preset, 4 digit LED, 2 SPST & SSR out.
146.08	CT6S-2P			Prescaling, Double preset, 6 digit LED, 2 SPST & SSR out.
119.83	CT4S			Prescaling, Single preset, 4 digit LED, SPDT & SSR out.
128.58	CT6S			Prescaling, Single preset, 6 digit LED, SPDT & SSR out.
97.08	CT6S-I			Prescaling, Totalizer, 6 digit,
140.83	CT6	72x72x85 mm	100 to 240VAC, 24 to 60VDC	Prescaling & Batch, Single preset, 6 digit, 2 SPDT & SSR.
158.33	CT6-2P			Prescaling & Batch, Double preset, 6 digit, 2 SPDT & SSR.
105.83	CT6-I			Prescaling & Batch, Totalizer, 6 digit
50.02	LA7N-1	1/32 DIN, (48x24x48 mm)	Self Power by Internal Battery 5VDC	Totalizer, 7 digit LCD, 1 CPS
50.02	LA7N-1R			Totalizer, 7 digit LCD, 1 CPS, Reset
50.02	LA7N-2			Totalizer, 7 digit LCD, 30 CPS
50.02	LA7N-2R			Totalizer, 7 digit LCD, 30CPS, Reset
50.02	LA7N-3			Totalizer, 7 digit LCD, 1K CPS
50.02	LA7N-3R			Totalizer, 7 digit LCD, 1K CPS, Reset
50.02	LA7N-4			Totalizer, 7 digit LCD, 7K CPS
50.02	LA7N-4R			Totalizer, 7 digit LCD, 7K CPS, Reset
53.15	LA7N-F			Totalizer, 7 digit LCD, 20 CPS, Free Voltage Input
53.15	LA7N-FR			Totalizer, 7 digit LCD, 20 CPS, Reset, Free Voltage Input
129.29	FS4A	1/16 DIN	100 to 240VAC, 12 to 24VAC	Single preset, UP/DOWN, 4digit LED, 7 output modes, SPDT
99.04	FS5B			Totalizer, UP/DOWN, 5 digit LED
132.42	FX4S	1/16 DIN (48x48x91)	100 to 240VAC, 12 to 24VDC(option)	Single preset, 4 digit LED, SPDT & SSR out.
112.60	FX5SI			Totalizer, 5 digit LED
159.54	FX4H	1/8 DIN (48X96x113)		Single preset, 4 digit LED
212.74	FX4H-2P			Double preset, 4 digit LED
128.25	FX4H-I	Totalizer, 4 digit LED		
110.52	FX4Y-1	72x36x93 mm		Totalizer, 4 digit LED
117.82	FX6Y-I			Totalizer, 6 digit LED
163.71	FX4	72x72x113 mm		Single preset, 4 digit LED, SPDT & SSR out.
199.18	FX4-2P			Double preset, 4 digit LED, SPDT & SSR out.
128.25	FX4-I			Totalizer, 4 digit LED
181.45	FX6		Single preset, 6 digit LED, SPDT & SSR out.	
236.73	FX6-2P		Double preset, 6 digit LED, SPDT & SSR out.	
134.51	FX6-I		Totalizer, 6 digit LED	
234.65	FX4L-2P		Double preset, 4 digit LED	
147.02	FX4L-I	144x72x122 mm	Totalizer, 4 digit LED	
260.72	FX6L-2P		Double preset, 6 digit LED	
159.54	FX6L-I		Totalizer, 6 digit LED	

■ Mark = inventory item

□ White mark = non inventory item, delivery time is 3 weeks ARO

**Analog Timer****Group B**

Price	Model	Housing	Power	Time Range	Description
40.63	AT8N	1/16 DIN (48x48x65 mm)	24 to 240V AC/DC	0.05sec to 100hour	Analog, Multi Function, DPDT or SPDT + SPDT
43.76	AT11DN				Analog, Multi Function, DPDT
43.76	AT11EN				Analog, Multi Function, SPDT+SPDT
51.06	AT8PM		24, 48VDC 110, 220VAC	Minute	Analog, Power off -Delay, DPDT
51.06	AT8PS			Second	Analog, Power off-Delay, DPDT
47.93	AT8SD		24 to 240VAC/DC	0 to 100Sec.	Analog, Star-Delta, SPDT/SPDT
22.90	ATE	1/16 DIN (48x48x79 mm)	12VDC, 24VDC, 110, 220VAC	1,3,6,10,30, 60 Sec, 3,6,10,30, 60 Min 3,6,12,24 Hr.	Analog, ON-Delay, SPDT/SPST
22.90	ATE1				Analog, ON-Delay, DPDT
22.90	ATE2				Analog, ON-Delay, SPDT/SPDT

**Group B**

	Model	Housing	Power	Time Range	Description		
132.42	FS4E	1/16 DIN (48x48x88)	12 to 24VDC, 100 to 240VAC	Multi Time Range	UP/DOWN, 4digit LED, SPDT		
111.56	FS5EI				UP/DOWN, 5 digit LED Indicator		
89.65	LE3S	1/16 DIN (48x48x68 mm)	24 -240VAC/DC	Multi Time Range	Multi Function, 3 digit LCD, SPDT		
89.65	LE3SA				ON-Delay, 3 digit LCD, DPDT		
89.65	LE3SB				ON-Delay, 3 digit LCD, SPDT/SPDT		
98.00	LE4S	1/16 DIN (48x48x92)	24 -240VAC/DC	Multi Time Range	Multi Function, 4 digit LCD, SPDT		
98.00	LE4SA				ON Start, 4 digit LCD, DPDT, SPDT		
152.24	LE7D-2	72x72x60	100 to 240VAC	Weekly time	ON-OFF/Cycle/Pulse, LCD, 2 SPDT		
50.02	LE7N-H	1/16 DIN (48x24x48 mm)	Self Power by internal Battery	0.0h to 999999.9Hr	Hour Meter, 7 digit LCD		
53.15	LE7N-HF				Hour Meter, 7 digit LCD Free volt input		
53.15	LE7N-HFR				Hour Meter, 7 digit LCD, Free volt, Reset		
50.02	LE7N-HR				Hour Meter, 7 digit LCD Reset		
50.02	LE7N-M				Hour Meter, 7 digit LCD		
53.15	LE7N-MF			Hour Meter, 7 digit LCD Free volt input			
53.15	LE7N-MFR			Hour Meter, 7 digit LCD, Free volt, Reset			
50.02	LE7N-MR			Hour Meter, 7 digit LCD Reset			
50.02	LE7N-S			Hour Meter, 7 digit LCD			
53.15	LE7N-SF			Hour Meter, 7 digit LCD Free volt input			
53.15	LE7N-SFR			Hour Meter, 7 digit LCD, Free volt, Reset			
50.02	LE7N-SR			Hour Meter, 7 digit LCD Reset			
						0.0m to 9999h59.9min	
						0.0s to 99h59m59.9Sec	

**Group B**

	Model	Housing	Description
1.25	FGB48-BK	58x88x7	Mounting Adaptor for 48x48 Housing, Black
1.25	FGB48-BG	58x88x7	Mounting Adaptor for 48x48 Housing, Beige
1.25	PGB48	48x48mm	Mounting Bracket for 48x48 Housing, White Color
2.82	PG-08	45x45x21.9	8 pin, Timer Socket, Rear Terminal
3.86	PG-11	45x45x26.9	11 pin, Timer Socket, Rear Terminal
3.76	PS-08	50x70x24.1	8 pin, Timer Socket, DIN Rail with Clip
5.01	PS-11	50x70x30.3	11 pin, Timer Socket, DIN Rail with Clip

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PID Temperature Controls

Group C

Price	Model	Housing	Power	Ordering Information
138.21	TZ4H-14 □	1/8 DIN (48x96x100 mm)	100 to 240VAC 50/60Hz	<b>Example</b> <b>Model Name: T Z 4 H - 1 4 R</b>  1 2 3 4 5 6 Refer to notes below matching number to Model Name placement. <b>Model Name:</b> <b>1 - TZ &amp; TZN Series:</b> PID Temperature Controls <b>TZ: IP54 Front Case</b> <b>TZN: IP65 Front Case</b>  <b>2 - Digit:</b> Number of digits displayed (4 Digits)  <b>3 - Housing (Size):</b> H,L,M,SP,ST,W  <b>4 - Alarm Output:</b> 1 : 1 alarm output (Event 1) 2 : 2 alarm output (Event 1 & Event 2) A : 2 Alarm output + Retransmission output B : 2 Alarm output (Event 1 & Event 2) + RS485 R : Retransmission output (4 to 20mA) T : 1 Alarm output (Event 1) + RS485  <b>5 - Power Supply:</b> 2 : 24VAC / 24 to 48VDC 4 : 100 to 240VAC 50/60Hz  <b>6 - Control Output:</b> C : Current output R : Relay output S : SSR output  * <b>Model name with - □ requires a selection of a Control Output (C, R, or S)</b>
142.58	TZ4H-24 □			
156.58	TZ4H-A4 □			
160.08	TZ4H-B4 □			
145.21	TZ4H-R4 □			
152.21	TZ4H-T4 □			
141.71	TZ4L-12 □	1/4 DIN (96x96x100 mm)	24VAC / 24 to 48VDC	
156.58	TZ4L-22 □			
169.71	TZ4L-A2 □			
166.21	TZ4L-B2 □			
158.33	TZ4L-R2 □			
158.33	TZ4L-T2 □		100 to 240VAC 50/60Hz	
142.58	TZ4L-14 □			
156.58	TZ4L-24 □			
169.71	TZ4L-A4 □			
166.21	TZ4L-B4 □			
158.33	TZ4L-R4 □	72x72x100 mm		
158.33	TZ4L-T4 □			
138.21	TZ4M-14 □			
142.58	TZ4M-24 □			
148.71	TZ4M-A4 □			
160.08	TZ4M-B4 □			
145.21	TZ4M-R4 □	1/16 DIN (48x48x95 mm)	24VAC / 24 to 48VDC	
152.21	TZ4M-T4 □			
116.33	TZ4SP-12 □			
117.21	TZ4ST-12 □			
126.83	TZ4ST-22 □			
129.46	TZ4ST-R2 □			
116.33	TZ4SP-14 □	1/8 DIN (96x48x100 mm)	100 to 240VAC 50/60Hz	
118.08	TZ4ST-14 □			
126.83	TZ4ST-24 □			
129.46	TZ4ST-R4 □			
138.21	TZ4W-14 □			
142.58	TZ4W-24 □			
156.58	TZ4W-A4 □	72X72X85 mm		
160.08	TZ4W-B4 □			
145.21	TZ4W-R4 □			
152.21	TZ4W-T4 □			
138.21	TZN4M-14 □			
142.58	TZN4M-24 □			
148.71	TZN4M-A4 □	1/16 DIN		
160.08	TZN4M-B4 □			
145.21	TZN4M-R4 □			
152.21	TZN4M-T4 □			
118.08	TZN4S-14 □			
172.06	TB42-14 □			Control Board : 65x78mm Display Board : 60x60mm PID Board Controller
177.27	TB42-24 □			

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Mark = inventory item



Temperature Controls

Group C

Price	Model	Housing	Power	Sensor/Temp.	Ordering Information
149.11	T3H-B3CJ□C/F	48x96x134 mm	110/220VAC 50/60Hz	<u>Available Temp. range</u> J : 4 K : 4, 8, A  P : 1, 4	<b>Example</b> <b>Model Name: T 3 H - B 3 C J 4 C</b> 1 2 3 4 5 6 7 8 9 Refer to notes below matching number to Model Name placement. <b>Model Name</b> <b>1 - T - Temperature Controls</b> <b>2 - Digit:</b> 3 Digit or 4 Digit <b>3 - Housing (Size):</b> H,L,M,S <b>4 - Control mode:</b> B : Selectable ON/OFF Control or Proportional <b>5 - Power:</b> 3 : Power 110/220VAC 50/60Hz 4 : 100 to 240VAC 50/60Hz <b>6 - Control Output</b> C : Current output R : Relay output S : SSR output <b>7 - Sensor Type</b> J : IC Thermocouple Sensor K : CA Thermocouple sensor P : PT100 RTD Sensor R : PR Sensor <b>8 - Temperature Range</b> 0 : -99 to 199/-99.9 to 199.9 1 : 0 to 99.9 2 : 0 to 199 4 : 0 to 399 5 : 0 to 500 8 : 0 to 799 A : 0 to 999 C : 0 to 1200 F : 600 to 1600 <b>9 - Temperature Unit</b> C : °C Unit F : °F Unit Model name with -□ requires a selection of a Temperature Range Model name with -□-□-□- requires a selection of Control Output, Sensor Type and Temperature
149.11	T3H-B3CK□C/F				
149.11	T3H-B3CP□C/F				
149.11	T3H-B3RJ□C/F				
149.11	T3H-B3RK□C/F				
149.11	T3H-B3RP□C/F				
149.11	T3H-B3SJ□C/F				
149.11	T3H-B3SK□C/F				
149.11	T3H-B3SP□C/F				
158.50	T3HA-B3□□□C				
158.50	T3HS-B3□□□C				
158.50	T4L-B3CJ□C/F	96x96x100 mm	110/220VAC 50/60Hz	<u>Available Range</u> J : 4 K : 4, 8, C P : 0, 4 R : F	
158.50	T4L-B3CK□C/F				
158.50	T4L-B3CP□C/F				
158.50	T4L-B3RJ□C/F				
158.50	T4L-B3RK□C/F				
158.50	T4L-B3RP□C/F				
158.50	T4L-B3SJ□C/F				
158.50	T4L-B3SK□C/F				
158.50	T4L-B3SP□C/F				
181.45	T4LA-B3□□□C				
191.88	T4LP-B3□□□C				
149.11	T4M-B3CJ□C/F	72x72x112 mm	110/220VAC 50/60Hz	<u>Available Range</u> J : 4 K : 4, 8, C P : 0, 4 R : F	
149.11	T4M-B3CK□C/F				
149.11	T4M-B3CP□C/F				
149.11	T4M-B3RJ□C/F				
149.11	T4M-B3RK□C/F				
149.11	T4M-B3RP□C/F				
149.11	T4M-B3SJ□C/F				
149.11	T4M-B3SK□C/F				
149.11	T4M-B3SP□C/F				
158.50	T4MA-B3□□□C				
132.42	T3S-B4CJ□C/F	48x48x88 mm	100 to 240VAC 50/60Hz	<u>Available Range</u> J : 2, 4 K : 4, 8 P : 1, 2, 4	
132.42	T3S-B4CK□C/F				
132.42	T3S-B4CP□C/F				
132.42	T3S-B4RJ□C/F				
132.42	T3S-B4RK□C/F				
132.42	T3S-B4RP□C/F				
132.42	T3S-B4SJ□C/F				
132.42	T3S-B4SK□C/F				
132.42	T3S-B4SP□C/F				
132.42	T3S-B4SP□C/F				

83.40	TC3YT-B4J3	72x36x84 mm	100 to 240VAC	J type Sensor	Multi Temp. Range & Selectable °C & °F
89.65	TC3YT-B4J16				
83.40	TC3YT-B4K3			K type Sensor	
89.65	TC3YT-B4K16				
83.40	TC3YT-B4R3			RTD type Sensor	
89.65	TC3YT-B4R16				

Mark = inventory item

**Lista de precios Autonics**  
□ White mark = non inventory item, delivery time is 3 weeks ARO

Temperature Indicators

Group C

Price	Model	Housing	Power	Sensor/Temp.	Ordering Information	
99.04	T3HI-N3NJ4C	48x96x134 mm	110/220VAC 50/60Hz	J : 4	<b>Example</b> <b>Model Name: T 3 H I - N 3 N J 4 C</b> 1 2 3 4 5 6 7 8 9 10 Refer to notes below matching number to Model Name placement. <b>1 - T -Temperature Indicator</b> <b>2 - Digit</b> 3: 3 digits 4: 4 digits <b>3 - Housing (Size)</b> <b>4 - Indicator</b> <b>5 - Control Mode</b> N: Non Control Function <b>6 - Power:</b> 3 : Power 110/220VAC 50/60Hz 4 : 100 to 240VAC 50/60Hz x : 12 to 24VDC <b>7 - Output</b> N : No output <b>8 - Sensor Type</b> J : IC Thermocouple Sensor K : CA Thermocouple sensor P : PT100 RTD Sensor R : PR Sensor <b>9 - Temperature Range</b> 0 : -99 to 199/-99.9 to 199.9 1 : 0 to 99.9 2 : 0 to 199 4 : 0 to 399 5 : 0 to 500 8 : 0 to 799 A : 0 to 999 B : 0 to 2000 C : 0 to 1200 <b>10 - Temperature Unit:</b> C : °C Unit, F : °F Unit	
99.04	T3HI-N3NKAC			K : A		
99.04	T3HI-N3NP□C			P : 0, 4		
117.82	T4LI-N3NJ4C	96x96x100 mm		Available Range		
117.82	T4LI-N3NK□C			J : 4		
117.82	T4LI-N3NP□C			K : 8, C		
117.82	T4LI-N3NR□C			P : 0, 4		
99.04	T4MI-N3NJ4 C	72x72x112 mm				R : F
99.04	T4MI-N3NK□C					
99.04	T4MI-N3NP□C					
99.04	T4MI-N3NRFC					
67.75	T3NI-NXNP0C	48x24x59	12 to 24VDC	Available Range		
67.75	T3NI-NXNP4C			P : 0, 4		
93.83	T3SI-N4NJ4C	48x48x88 mm	100 to	J : 4		
93.83	T3SI-N4NK8C		240VAC	K : 8		
93.83	T3SI-N4NP□C		50/60Hz	P : 1, 4		
106.34	T4WI-N3NJ□C/F	96x48x99 mm	110/220VAC 50/60Hz	J : 5, 8*, A* (*=F)		
106.34	T4WI-N3NKCC			K : C		
106.34	T4WI-N3NP□C			P : 0, 4		
93.83	T4YI-N4NJ5C	72x36x93 mm	100 to	J : 5		
93.83	T4YI-N4NKCC		240VAC	K : C		
93.83	T4YI-N4NP□C		50/60Hz	P : 0, 4		

	Model	Housing	Power	Sensor/Temp.	Sensor Type
176.23	T4WM-N3NJ5C	96x48x99 mm	110/220VAC 50/60Hz	J type : 500°C	J : IC Thermocouple Sensor
176.23	T4WM-N3NKCC			K type : 1200°C	K : CA Thermocouple sensor
176.23	T4WM-N3NP□C			0=-99.9-199.9, 4=399	P : PT100 RTD Sensor

	Model	Housing	Power	Output	Sensor Type
109.47	TC3YF-14R-N	72x36x84 mm	100 to 240VAC	Compressor	NTC
109.47	TC3YF-14R-R			Compressor	RTD
109.47	TC3YF-24R-N			Comp + Defrost	NTC
109.47	TC3YF-24R-R			Comp + Defrost	RTD
109.47	TC3YF-34R-N			Comp + Defr + Fan	NTC
109.47	TC3YF-34R-R			Comp + Defr + Fan	RTD

Mark = inventory item



## Analog Temperature Controls

## Group C

Price	Model	Housing	Power	Sensor/Temp.	Ordering Information
50.02	TOS-B4RJ□C/F	48x48x79 mm	100 to 240VAC 50/60Hz		<b>Example</b> <b>Model Name: T O S - B 4 R J 4 C</b> 1 2 3 4 5 6 7 8 9 Refer to notes below matching number to Model Name placement.
50.02	TOS-B4RK□C/F				
50.02	TOS-B4RP□C/F				
50.02	TOS-B4SJ□C/F				
50.02	TOS-B4SK□C/F				
50.02	TOS-B4SP□C/F				
69.84	TOL-P3RJ□C	96x96x100 mm	110/220VAC 50/60Hz	<u>Available Range</u>  <u>J type</u> °C : 1, 2, 3, 4 °F : 2, 4, 8  <u>K type</u> °C : 1, 2, 3, 4, 6, 8, C °F : 6, 8, A  <u>P type</u> °C : X, 1, 2, 3, 4 °F : 4  °F : Available TOS only	<b>Model Name:</b> <b>1 - T : Temperature Controls</b> <b>2 - Function</b> O : Non indicator D : LED deviation indicator type <b>3 - Housing</b> S, M, L <b>4 - Control Mode</b> B : ON/OFF Control or Proportional F : ON/OFF Control P : Proportional Control <b>5 - Power Supply</b> 3 : Power 110/220VAC 50/60Hz 4 : 100 to 240VAC 50/60Hz <b>6 - Control Output</b> R : Relay output S : SSR output <b>7 - Sensor Type</b> J : IC Thermocouple Sensor K : CA Thermocouple sensor P : PT100 RTD Sensor <b>8 - Temperature Range</b> X : 0 to 60 1 : 0 to 100 2 : 0 to 200 3 : 0 to 300 4 : 0 to 400 6 : 0 to 600 8 : 0 to 800 A : 0 to 999 C : 0 to 1200 <b>9 - Temperature Unit</b> C : °C Unit F : °F Unit  <u>TDM &amp; TDL types are LED deviation indication.</u>
69.84	TOL-P3RK□C				
69.84	TOL-P3RP□C				
69.84	TOL-P3SJ□C				
69.84	TOL-P3SK□C				
69.84	TOL-P3SP□C				
69.84	TOL-F3RJ□C				
69.84	TOL-F3RK□C				
69.84	TOL-F3RP□C				
69.84	TOL-F3SJ□C				
69.84	TOL-F3SK□C				
69.84	TOL-F3SP□C				
65.66	TOM-P3RJ□C				
65.66	TOM-P3RK□C				
65.66	TOM-P3RP□C				
65.66	TOM-P3SJ□C				
65.66	TOM-P3SK□C				
65.66	TOM-P3SP□C				
65.66	TOM-F3RJ□C				
65.66	TOM-F3RK□C				
65.66	TOM-F3RP□C				
65.66	TOM-F3SJ□C				
65.66	TOM-F3SK□C				
65.66	TOM-F3SP□C				
84.44	TDL-P3RJ□C	96x96x100 mm	110/220VAC 50/60Hz		
84.44	TDL-P3RK□C				
84.44	TDL-P3RP□C				
84.44	TDL-P3SJ□C				
84.44	TDL-P3SK□C				
84.44	TDL-P3SP□C				
82.35	TDM-P3RJ□C	72x72x112 mm	110/220VAC 50/60Hz		
82.35	TDM-P3RK□C				
82.35	TDM-P3RP□C				
82.35	TDM-P3SJ□C				
82.35	TDM-P3SK□C				
82.35	TDM-P3SP□C				
84.44	TDL-F3RJ□C	96x96x100 mm	110/220VAC 50/60Hz		Model name with -□ requires a selection of Temperature Range.
84.44	TDL-F3RK□C				
84.44	TDL-F3RP□C				
84.44	TDL-F3SJ□C				
82.35	TDM-F3RK□C				
82.35	TDM-F3RP□C				
82.35	TDM-F3SJ□C				
82.35	TDM-F3SK□C				
82.35	TDM-F3SP□C				

Mark = inventory item



**Power Controls****Group D**

Price	Model	Housing	Power	Max. Current	Ordering Information
110.52	SPC1-35-E	94.6x24.8x9 2 mm	220VAC	35A Max. rated current	Single Phase
137.64	SPC1-50			50A Max. rated current	

## Digital Panel Meters (Programmable preset type)

## Group E

Price	Model	Housing	Power	Description
106.34	MT4W-AA-4N	96X48X10 2 mm	100 to 240VAC	AC Ampere, 4 digit, Indicator
201.27	MT4W-AA-40			AC Ampere, 4 digit, Relay triple Output(H/GO/L)/Current output(4 - 20mA)
202.31	MT4W-AA-41			AC Ampere, 4 digit, Relay, triple Output (H/GO/L)
234.65	MT4W-AA-42			AC Ampere, 4 digit, NPN open collect-triple / BCD dynamic sub Output
234.65	MT4W-AA-43			AC Ampere, 4 digit, PNP open collect-triple / BCD dynamic sub Output
234.65	MT4W-AA-44			AC Ampere, 4 digit, NPN open collect- triple / PV(4-20mA) sub Output
234.65	MT4W-AA-45			AC Ampere, 4 digit, PNP open collect-triple / PV(4-20mA) sub Output
234.65	MT4W-AA-46			AC Ampere, 4 digit, NPN open collect-triple / Low speed serial sub Out.
234.65	MT4W-AA-47			AC Ampere, 4 digit, PNP open collect-triple / Low speed serial sub Out.
234.65	MT4W-AA-48			AC Ampere, 4 digit, PNP open collect-triple/RS485 communication Out.
234.65	MT4W-AA-49			AC Ampere, 4 digit, PNP open collect-triple/RS485 communication Out.
106.34	MT4W-AV-4N			AC Volt, 4 digit, Indicator
202.31	MT4W-AV-40			AC Volt, 4 digit, Relay triple Output(H/GO/L)/Current output(4 - 20mA)
202.31	MT4W-AV-41			AC Volt, 4 digit, Relay, triple Output (H/GO/L)
234.65	MT4W-AV-42			AC Volt, 4 digit, NPN open collect-triple / BCD dynamic sub Output
234.65	MT4W-AV-43			AC Volt, 4 digit, PNP open collect-triple / BCD dynamic sub Output
234.65	MT4W-AV-44			AC Volt, 4 digit, NPN open collect-triple / PV(4-20mA) sub Output
234.65	MT4W-AV-45			AC Volt, 4 digit, PNP open collect-triple / PV(4-20mA) sub Output
234.65	MT4W-AV-46			AC Volt, 4 digit, NPN open collect-triple / Low speed serial sub Output
234.65	MT4W-AV-47			AC Volt, 4 digit, PNP open collect-triple / Low speed serial sub Output
234.65	MT4W-AV-48			AC Volt, 4 digit, PNP open collect-triple / RS485 communication Output
234.65	MT4W-AV-49			AC Volt, 4 digit, PNP open collect-triple / RS485 communication Output
100.09	MT4W-DA-4N			DC Ampere, 4 digit, Indicator
190.84	MT4W-DA-40			DC Ampere, 4 digit, Relay triple Output(H/GO/L)/Current output(4 - 20mA)
190.84	MT4W-DA-41			DC Ampere, 4 digit, Relay, triple Output (H/GO/L)
220.04	MT4W-DA-42			DC Ampere, 4 digit, NPN open collect-triple / BCD dynamic sub Output
220.04	MT4W-DA-43			DC Ampere, 4 digit, PNP open collect-triple / BCD dynamic sub Output
220.04	MT4W-DA-44			DC Ampere, 4 digit, NPN open collect-triple / PV(4-20mA) sub Output
220.04	MT4W-DA-45			DC Ampere, 4 digit, PNP open collect-triple / PV(4-20mA) sub Output
220.04	MT4W-DA-46			DC Ampere, 4 digit, NPN open collect-triple / Low speed serial sub Out.
220.04	MT4W-DA-47			DC Ampere, 4 digit, PNP open collect-triple / Low speed serial sub Out.
220.04	MT4W-DA-48			DC Ampere, 4 digit, PNP open collect-triple/RS485 communication Out.
220.04	MT4W-DA-49			DC Ampere, 4 digit, PNP open collect-triple/RS485 communication Out.
100.09	MT4W-DV-4N			DC Volt, 4 digit, Indicator
190.84	MT4W-DV-40			DC Volt, 4 digit, Relay triple Output(H/GO/L)/Current output(4 - 20mA)
190.84	MT4W-DV-41			DC Volt, 4 digit, Relay, triple Output (H/GO/L)
220.04	MT4W-DV-42			DC Volt, 4 digit, NPN open collect-triple / BCD dynamic sub Output
220.04	MT4W-DV-43			DC Volt, 4 digit, PNP open collect-triple / BCD dynamic sub Output
220.04	MT4W-DV-44			DC Volt, 4 digit, NPN open collect-triple / PV(4-20mA) sub Output
220.04	MT4W-DV-45			DC Volt, 4 digit, PNP open collect-triple / PV(4-20mA) sub Output
220.04	MT4W-DV-46			DC Volt, 4 digit, NPN open collect-triple / Low speed serial sub Output
220.04	MT4W-DV-47			DC Volt, 4 digit, PNP open collect-triple / Low speed serial sub Output
220.04	MT4W-DV-48			DC Volt, 4 digit, PNP open collect-triple / RS485 communication Output
220.04	MT4W-DV-49			DC Volt, 4 digit, PNP open collect-triple / RS485 communication Output

## Digital Scaling Meters

## Group E

Price	Model	Housing	Power	Input Range	Description
66.71	M4N-DI-0	48x24x41 mm	12	1 to 5VDC input	DC Scaling meter 3 ½ digit
66.71	M4N-DI-0X		to24VDC	4 to 20mA input	DC Scaling meter 3 ½ digit
66.71	M4N-DI-1		5VDC	1 to 5VDC input	DC Scaling meter 3 ½ digit
66.71	M4N-DI-1X		4 to 20mA input	DC Scaling meter 3 ½ digit	
103.21	M4V	75x25x108	12 to24VDC	Diverse input	DC Scaling meter 3 ½ digit
103.21	M5W-DI	96x48x99	24-70VDC	1 to 5VDC input, 4 to 20mA input	Scaling Meter, 4 ½ digit, Indicator
91.74	M4Y-DI	72x36x93	100- 240VAC		Scaling Meter, 3 ½ digit, Indicator

## Digital Panel Meters

## Group E

Price	Model	Housing	Power	Description	Order Info.	
60.45	M4N-DA-□	48x24x41	5VDC,	DC Ampere meter, 3 ½ digit, Indicator	<b>Example of Model Name:</b> <b>M 4 W - A A -</b> 1 2 3 4 5 6 Refer to notes below. <b>Model Name:</b> <b>1 - Panel Meter</b> <b>2 - Digit</b> <b>3 - Housing (Size)</b> <b>4 - Voltage</b> D: DC Voltage A: AC Voltage <b>5 - Voltage Type</b> A: Ampere Meter F: Frequency P: Power factor S: Line speed meter T: Tachometer V: Volt Meter W: Watt Meter <b>6 - Display Range</b> <b>M4N Models</b> 2: 1.999V, 1.999mA 3: 19.99V, 19.99mA 4: 199.9V, 199.9mA <b>Volt Meter (3 1/2 digit)</b> AC/DC Input (Full Scale) 1: 199.9mV 2: 1.999V 3: 19.99V 4: 199.9V 5: 300V (DC input only) 6: 400V (AC input only) <b>Ampere meter(3 ½ digit)</b> DC Input (Full Scale) 1 : 199.9µA 2 : 1.999mA 3 : 19.99mA 4 : 199.9mA 5 :1.999A 6 :19.99A 7 : 199.9A 8 : 1999A AC Input (Full Scale) 1 : 19.99mA 2 : 199.9mA 3 :1.999A 4 :19.99A 5 : 199.9A 6 : 1999A <b>Watt meter(3 ½ digit)</b> DC Input (Full Scale) 1 : 199.9W or 2: 1.999KW 3: 19.99 KW or 4: 199.9KW 5: 1999KW	
60.45	M4N-DV-□	mm	12 to24VDC	DC Volt meter, 3 ½ digit, Indicator		
91.74	M4W-AA-□	96x48x99 mm	24 to 70VDC, 100 to 240VAC /DC, 50/60Hz	AC Ampere meter, 3 ½ digit, Indicator		
91.74	M4W-AAR-□			AC Ampere meter, 3 ½ digit, Indicator(RMS)		
92.78	M4W-AV-□			AC Volt meter, 3 ½ digit, Indicator		
92.78	M4W-AVR-□			AC Volt meter, 3 ½ digit, Indicator (RMS)		
76.09	M4W-DA-□			DC Ampere meter, 3 ½ digit, Indicator		
77.14	M4W-DV-□			DC Volt meter, 3 ½ digit, Indicator		
99.04	M4W-DI			Scaling Meter, 3 ½ digit, Indicator		
108.43	M5W-AA-□			AC Ampere meter, 4 ½ digit, Indicator		
108.43	M5W-AAR-□			AC Ampere meter, 4 ½ digit, Indicator (RMS)		
108.43	M5W-AV-□			AC Volt meter, 4 ½ digit, Indicator		
108.43	M5W-AVR-□			AC Volt meter, 4 ½ digit, Indicator (RMS)		
103.21	M5W-DA-□			DC Ampere meter, 4 ½ digit, Indicator		
103.21	M5W-DV-□			DC Volt meter, 4 ½ digit, Indicator		
76.09	M4W-W-□			Watt meter, 3 ½ digit, Indicator		
103.21	M5W-W-□			Watt meter, 4 ½ digit, Indicator		
88.61	M4W-F			Frequency meter, 3 ½ digit, Indicator		
100.09	M4W-P			Power factor meter, 3 ½ digit, Indicator		
76.09	M4W-S-1			Speed meter 3 ½ digit digit, 0-10VDC input		
88.61	M4W-S-2			Speed meter 3 ½ digit digit, 0-10VAC input		
103.21	M5W-S-1			Speed meter 4 ½ digit digit, 0-10VDC input		
108.43	M5W-S-2			Speed meter 4 ½ digit digit, 0-10VAC input		
76.09	M4W-T-1			Tachometer 3 ½ digit digit, 0-10VDC input		
88.61	M4W-T-2			Tachometer 3 ½ digit digit, 0-10VAC input		
103.21	M5W-T-1			Tachometer 4 ½ digit digit, 0-10VDC input		
108.43	M5W-T-2			Tachometer 4 ½ digit digit, 0-10VAC input		
220.04	M4W1P-□-□			110/220VAC, 50/60Hz		Single Preset type, Relay output (SPDT)
322.27	M4W2P-□-□					Double Preset type, Relay output (2 x SPDT)
91.74	M4Y-AA-□			72x36x93m m		24 to 70VDC, 100 to 240VAC /DC, 50/60Hz
91.74	M5Y-AAR-□	AC Ampere meter, 3 ½ digit, Indicator (RMS)				
91.74	M4Y-AV-□	AC Volt meter, 3 ½ digit, Indicator				
103.21	M4Y-AVR-□	AC Volt meter, 3 ½ digit, Indicator (RMS)				
76.09	M4Y-DA-□	DC Ampere meter, 3 ½ digit, Indicator				
76.09	M4Y-DV-□	DC Volt meter, 3 ½ digit, Indicator				
76.09	M4Y-W-□	Watt meter, 3 ½ digit, Indicator				
91.74	M4Y-F	Frequency meter, 3 ½ digit, Indicator				
76.09	M4Y-S-1	Speed meter 3 ½ digit, 0-10VDC input				
88.61	M4Y-S-2	Speed meter 3 ½ digit, 0-10VAC input				
88.61	M4Y-SR-2	Speed meter 3 ½ digit, 0-10VAC input, RMS				
76.09	M4Y-T-1	Tachometer 3 ½ digit, 0-10VDC input				
88.61	M4Y-T-2	Tachometer 3 ½ digit, 0-10VAC input				
88.61	M4Y-TR-2	Tachometer 3 ½ digit, 0-10VAC input, RMS				
117.82	M4M-□-□	72x72x113 mm	AC/DC DPM Meter, 3 ½ digit, Indicator			
220.04	M4M1P-□-□			Single Preset type, Relay output (SPDT)		
293.06	M4M2P-□-□			Double Preset type, Relay output (2 x SPDT)		
* Model name with -□ requires Display Range * Model Name with -□-□ requires Voltage, such as AA, AV, AVR, DA, DV, W, F, S, T for first square and Display Range for second square. * If display number is over 1999, You must order M5W with 4 ½ digit display Mark = inventory item White mark = non inventory item, delivery time is 3 weeks ARO						

**Digital Pulse Meters (Programmable type)****Group F**

Price	Model	Housing	Power	Description		
139.72	MP5W-4N	96X48X102 mm	100 to 240VAC	Pulse meter, 5 digit, Indicator		
203.35	MP5W-41			Pulse meter, 5 digit, Relay triple Output (H/GO/L)		
242.99	MP5W-42			Pulse meter, 5 digit, NPN open collect triple / BCD dynamic sub Output		
242.99	MP5W-43			Pulse meter, 5 digit, PNP open collect triple / BCD dynamic sub Output		
242.99	MP5W-44			Pulse meter, 5 digit, NPN open collect triple / PV(4-20mA) sub Output		
242.99	MP5W-45			Pulse meter, 5 digit, PNP open collect triple / PV(4-20mA) sub Output		
242.99	MP5W-46			Pulse meter, 5 digit, NPN open collect triple / Low speed serial sub Output		
242.99	MP5W-47			Pulse meter, 5 digit, PNP open collect triple / Low speed serial sub Output		
242.99	MP5W-48			Pulse meter, 5 digit, NPN open collect triple / RS485 communication Output		
242.99	MP5W-49			Pulse meter, 5 digit, PNP open collect triple / RS485 communication Output		
242.99	MP5W-4A			Pulse meter, 5 digit, Relay (HH,H,GO,L,LL) Output		
187.71	MP5M-4N			72x72x126 mm		Pulse meter, 5 digit, Indicator
220.04	MP5M-41					Pulse meter, 5 digit, Relay out(H), NPN open collect Output
297.23	MP5M-42					Pulse meter, 5 digit, Relay (H/L) Output, NPN open collect Output
158.50	MP5Y-4N	72x36x108 mm		Pulse meter, 5 digit, Indicator		
248.21	MP5Y-41			Pulse meter, 5 digit, NPN open collect 5(HH,H,GO,L,LL) stage output		
249.25	MP5Y-42			Pulse meter, 5 digit, PNP open collect 5(HH,H,GO,L,LL) stage output		
158.50	MP5S-4N	1/32 DIN		Pulse meter, 5 digit, Indicator		

**Tachometers****Group F**

Price	Model	Housing	Power	Description
58.36	LR7N-M60	48x24x48 mm	5VDC	Indicator, 7 digit LCD, 7000rpm, 7K cps, UP mode, Built in Battery
58.36	LR7N-S1			Indicator, 7 digit LCD, 7000rps, 7K cps, UP mode, Built in Battery
161.63	S5C	48x48x88	100-240VAC	Indicator, 5 digit LED, 1.5KHz input Frequency, 1 to 99999rpm

**Display Units****Group F**

Price	Model	Housing	Power	Description
40.63	D1AA-G	20x33x49 mm	12 to 24VDC	Green 16 segment LED, 11x20mm LED size, Parallel/Serial Input,
40.63	D1AA-R			Red 16 segment LED, 11x20mm LED size, Parallel/Serial Input,
38.54	D1SA-GN			Green 7 segment LED, 11x20mm LED size, Parallel/Serial Input,
38.54	D1SA-RN			Red 7 segment LED, 11x20mm LED size, Parallel/Serial Input,
101.13	D1SC-N			Red 7 segment LED, 31.9x56.9mm LED size, Parallel/Serial Input,
0.87	DAR(L)-R	6x33x49 mm		Display Red LED Cover (Left/Right) for D1 series
0.87	DAR(L)-BL			Display Green LED Cover (Left/Right) for D1 series
83.40	D5W-M	96x48x99	12 to 24VDC	Red 5 digit LED, STATIC/DYNAMIC Input.
95.91	D5W-MX		110/220VAC	Red 5 digit LED, STATIC/DYNAMIC Input.
83.40	D5Y-M	72x36x93	12 to 24VDC	Red 5 digit LED, STATIC/DYNAMIC Input.

█ Mark = inventory item

▒ White mark = non inventory item, delivery time is 3 weeks ARO

**Sensor Controls****Group G**

Price	Model	Input	Output	Housing	Power
90.70	PA10-U	NORM / INV, AND of IN1/IN2, NPN	Contact OUT, O.C OUT1,2	38x76x82 mm	100 to 240VAC
90.70	PA10-V	NORM / INV, AND of IN1 / IN2, NPN	Contact OUT, O.C OUT		
90.70	PA10-VP	NORM / INV, AND of IN1 / IN2, PNP	Contact OUT, O.C OUT		
90.70	PA10-W	NORM / INV, AND of IN1 / IN2, NPN	Contact OUT1,2		
90.70	PA10-WP	NORM / INV, AND of IN1/ IN2, PNP	Contact OUT1,2		
	PA-12	NPN / PNP	SPDT(1a1b) 250VAC 3A	50x80x70	110/220VAC

**Group G**

	Model	Output Voltage	Output Watt	Housing	Power
45.84	SP-0305	5VDC	3 Watt	37.5x75x65 mm	100 to240VAC
45.84	SP-0312	12VDC			
45.84	SP-0324	24VDC			
85.48	SPA-030-05	5VDC	30 Watt	97x40x120 mm	100 - 240VAC
85.48	SPA-030-12	12VDC			
85.48	SPA-030-24	24VDC			
103.21	SPA-050-05	5VDC	50 Watt		
103.21	SPA-050-12	12VDC			
103.21	SPA-050-24	24VDC			
151.20	SPA-075-12	12VDC	75 Watt	97x42x160 mm	110 / 220/VAC
151.20	SPA-075-24	24VDC			
162.67	SPA-100-12	12VDC	100 Watt		
162.67	SPA-100-24	24VDC			

**Group G**

	Model	Communication type	Data rate(Speed)	Half Duplex	Power
139.72	SCM-38I	Half Duplex type	1,200~115,200bps	Max. 800m	12-24VDC

█ Mark = inventory item

□ White mark = non inventory item, delivery time is 4 weeks ARO

## Inductive Proximity Sensors - Cylindrical

## Group H

Price	Model	Output	Sensing Distance	Shielding	Housing	Power	Type	
32.34	PR08-1.5DN	NPN, NO	1.5mm	Flush	Cylindrical type Nickel-plated brass	15 to 30VDC	Standard Housing	
34.83	PR08-1.5DN2	NPN, NC						
32.34	PR08-1.5DP	PNP, NO						
34.83	PR08-1.5DP2	PNP, NC						
32.34	PR08-2DN	NPN, NO	2mm	Non Flush		M8x1 L=30mm	15 to 30VDC	Standard Housing
34.83	PR08-2DN2	NPN, NC						
32.34	PR08-2DP	PNP, NO						
34.83	PR08-2DP2	PNP, NC						
47.30	PR12-2AC	NC	2mm	Flush		M12x1 L=60mm	90 to 250VAC	AC Switching
47.30	PR12-2AO	NO						
28.60	PR12-2DN	NPN, NO	2mm	Flush		M12x1 L=43mm	15 to 30VDC	Standard Housing
31.09	PR12-2DN2	NPN, NC						
28.60	PR12-2DP	PNP, NO						
32.34	PR12-2DP2	PNP, NC						
47.30	PR12-4AC	NC	4mm	Non Flush		M12x1 L=60mm	90 to 250VAC	AC Switching
47.30	PR12-4AO	NO						
28.60	PR12-4DN	NPN, NO	4mm	Non Flush	M12x1 L=43mm	15 to 30VDC	Standard Housing	
32.34	PR12-4DN2	NPN, NC						
28.60	PR12-4DP	PNP, NO						
31.09	PR12-4DP2	PNP, NC						
47.30	PR18-5AC	NC	5mm	Flush	M18x1 L=53mm	90 to 250VAC	AC Switching	
47.30	PR18-5AO	NO						
28.60	PR18-5DN	NPN, NO	5mm	Flush	M18x1 L=47mm	15 to 30VDC	Standard Housing	
31.09	PR18-5DN2	NPN, NC						
28.60	PR18-5DP	PNP, NO						
31.09	PR18-5DP2	PNP, NC						
47.30	PR18-8AC	NC	8mm	Non Flush	M18x1 L=53mm	90 to 250VAC	AC Switching	
47.30	PR18-8AO	NO						
28.60	PR18-8DN	NPN, NO	8mm	Non Flush	M18x1 L=47mm	15 to 30VDC	Standard Housing	
31.09	PR18-8DN2	NPN, NC						
28.60	PR18-8DP	PNP, NO						
31.09	PR18-8DP2	PNP, NC						
51.03	PR30-10AC	NC	10mm	Flush	M30x1.5 L=58mm	90 to 250VAC	AC Switching	
51.03	PR30-10AO	NO						
33.59	PR30-10DN	NPN, NO	10mm	Flush	M30x1.5 L=58mm	15 to 30VDC	Standard Housing	
36.08	PR30-10DN2	NPN, NC						
33.59	PR30-10DP	PNP, NO						
36.08	PR30-10DP2	PNP, NC						
51.03	PR30-15AC	NC	15mm	Non Flush	M30x1.5 L=58mm	90 to 250VAC	AC Switching	
51.03	PR30-15AO	NO						
33.59	PR30-15DN	NPN, NO	15mm	Non Flush	M30x1.5 L=58mm	15 to 30VDC	Standard Housing	
36.08	PR30-15DN2	NPN, NC						
33.59	PR30-15DP	PNP, NO						
36.08	PR30-15DP2	PNP, NC						
31.09	PRL12-2DN	NPN, NO	2mm	Flush	M12x1 L=71mm	15 to 30VDC	Long size Housing	
31.09	PRL12-2DP	PNP, NO						
31.09	PRL12-4DN	NPN, NO	4mm	Non Flush	M12x1 L=55mm	90 to 250VAC	AC Switching	
31.09	PRL12-4DP	PNP, NO						
49.79	PRL18-5AC	NC	5mm	Flush	M18x1 L=80mm	90 to 250VAC	AC Switching	
49.79	PRL18-5AO	NO						
34.83	PRL18-5DN	NPN, NO	5mm	Flush	M18x1 L=80mm	15 to 30VDC	Long size Housing	
37.33	PRL18-5DN2	NPN, NC						
34.83	PRL18-5DP	PNP, NO						
37.33	PRL18-5DP2	PNP, NC						

Mark = inventory item

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## Inductive Proximity Sensors - Cylindrical

## Group H

Price	Model	Output	Sensing	Shielding	Housing	Power	Type			
49.79	PRL18-8AC	NC	8mm	Non Flush	Cylindrical type Nickel-plated brass	M18x1 L=80mm	90 to 250VAC	AC Switching		
49.79	PRL18-8AO	NO								
34.83	PRL18-8DN	NPN, NO	8mm	Non Flush		M18x1 L=80mm	15 to 30VDC	Long size Housing		
37.33	PRL18-8DN2	NPN, NC								
34.83	PRL18-8DP	PNP, NO								
37.33	PRL18-8DP2	PNP, NC								
53.53	PRL30-10AC	NC	10mm	Flush		Cylindrical type Nickel-plated brass	M30x1.5 L=80mm	90 to 250VAC	AC Switching	
53.53	PRL30-10AO	NO								
36.08	PRL30-10DN	NPN, NO	10mm	Flush			M30x1.5 L=80mm	15 to 30VDC	Long size Housing	
38.57	PRL30-10DN2	NPN, NC								
36.08	PRL30-10DP	PNP, NO								
38.57	PRL30-10DP2	PNP, NC								
51.03	PRL30-15AC	NC	15mm	Non Flush	Cylindrical type Nickel-plated brass		M30x1.5 L=80mm	90 to 250VAC	AC Switching	
51.03	PRL30-15AO	NO								
36.08	PRL30-15DN	NPN, NO	15mm	Non Flush			M30x1.5 L=80mm	15 to 30VDC	Long size Housing	
38.57	PRL30-15DN2	NPN, NC								
36.08	PRL30-15DP	PNP, NO								
38.57	PRL30-15DP2	PNP, NC								
31.09	PRS12-2DN	NPN, NO	2mm	Flush		Cylindrical type Nickel-plated brass	M12x1 L=36mm	15 to 30VDC	Short size Housing	
33.59	PRS12-2DN2	NPN, NC								
31.09	PRS12-2DP	PNP, NO								
31.09	PRS12-4DN	NPN, NO	4mm	Non Flush						
33.59	PRS12-4DN2	NPN, NC								
31.09	PRS12-4DP	PNP, NO								
32.34	PRT08-1.5DC	NC	1.5mm	Flush	Cylindrical type Nickel-plated brass		M8x1 L=30mm	15 to 30VDC	DC 2 wire Switching	
32.34	PRT08-1.5DO	NO								
32.34	PRT08-2DC	NC	2mm	Non Flush						
32.34	PRT08-2DO	NO								
29.85	PRT12-2DC	NC	2mm	Flush						M12x1 L=43mm
29.85	PRT12-2DO	NO								
29.85	PRT12-4DC	NC	4mm	Non Flush						
29.85	PRT12-4DO	NO								
29.85	PRT18-5DC	NC	5mm	Flush		M18x1 L=47mm				
29.85	PRT18-5DO	NO								
29.85	PRT18-8DC	NC	8mm	Non Flush						
29.85	PRT18-8DO	NO								
33.59	PRT30-10DC	NC	10mm	Flush	M30x1.5 L=58mm					
33.59	PRT30-10DO	NO								
33.59	PRT30-15DC	NC	15mm	Non Flush						
33.59	PRT30-15DO	NO								
98.39	PRA12-2AC	NC	2mm	Flush		Cylindrical Type Teflon Coated	M12x1 L=60mm	90 to 250VAC	Weld field immune type	
98.39	PRA12-2AO	NO								
90.92	PRA12-2DN	NPN, NO	2mm							
93.41	PRA12-2DN2	NPN, NC								
90.92	PRA12-2DP	PNP, NO								
93.41	PRA12-2DP2	PNP, NC								
103.38	PRA18-5AC	NC	5mm							
103.38	PRA18-5AO	NO								
94.65	PRA18-5DN	NPN, NO	5mm							
97.15	PRA18-5DN2	NPN, NC								
94.65	PRA18-5DP	PNP, NO								
97.15	PRA18-5DP2	PNP, NC								
122.07	PRA30-10AC	NC	10mm							
122.07	PRA30-10AO	NO								
114.59	PRA30-10DN	NPN, NO	10mm							
117.09	PRA30-10DN2	NPN, NC								
114.59	PRA30-10DP	PNP, NO								
117.09	PRA30-10DP2	PNP, NC								

## Inductive Proximity Sensors - Cylindrical

## Group H

Price	Model	Output	Sensing	Shielding	Housing	Power	Type
90.92	PRAT12-2DC	NC	2mm	Flush	Cylindrical Type Teflon Coated	15 to 30VDC	Weld field immune type DC 2 wire
90.92	PRAT12-2DO	NO					
94.65	PRAT18-5DC	NC	5mm				
94.65	PRAT18-5DO	NO					
114.59	PRAT30-10DC	NC	10mm				
114.59	PRAT30-10DO	NO					
54.77	PRCM12-2AC	NC	2mm	Flush	M12x1 L=43mm	90 to 250VAC	Connector type Standard Housing
54.77	PRCM12-2AO	NO					
34.83	PRCM12-2DN	NPN, NO					
37.33	PRCM12-2DN2	NPN, NC					
34.83	PRCM12-2DP	PNP, NO					
37.33	PRCM12-2DP2	PNP, NC					
54.77	PRCM12-4AC	NC	4mm	Non Flush	M12x1 L=56mm	90 to 250VAC	Connector type Standard Housing
54.77	PRCM12-4AO	NO					
34.83	PRCM12-4DN	NPN, NO					
37.33	PRCM12-4DN2	NPN, NC					
34.83	PRCM12-4DP	PNP, NO					
37.33	PRCM12-4DP2	PNP, NC					
54.77	PRCM18-5AC	NC	5mm	Flush	M18x1 L=54mm	90 to 250VAC	Connector type Standard Housing
54.77	PRCM18-5AO	NO					
34.83	PRCM18-5DN	NPN, NO					
37.33	PRCM18-5DN2	NPN, NC					
34.83	PRCM18-5DP	PNP, NO					
37.33	PRCM18-5DP2	PNP, NC					
54.77	PRCM18-8AC	NC	8mm	Non Flush	Cylindrical type Nickel-plated brass, Connector Housing	90 to 250VAC	Connector type Standard Housing
54.77	PRCM18-8AO	NO					
34.83	PRCM18-8DN	NPN, NO					
37.33	PRCM18-8DN2	NPN, NC					
34.83	PRCM18-8DP	PNP, NO					
37.33	PRCM18-8DP2	PNP, NC					
59.76	PRCM30-10AC	NC	10mm	Flush	M30x1.5 L=64mm	90 to 250VAC	Connector type Standard Housing
59.76	PRCM30-10AO	NO					
42.31	PRCM30-10DN	NPN, NO					
44.80	PRCM30-10DN2	NPN, NC					
42.31	PRCM30-10DP	PNP, NO					
44.80	PRCM30-10DP2	PNP, NC					
59.76	PRCM30-15AC	NC	15mm	Non Flush	M30x1.5 L=64mm	90 to 250VAC	Connector type Standard Housing
59.76	PRCM30-15AO	NO					
42.31	PRCM30-15DN	NPN, NO					
44.80	PRCM30-15DN2	NPN, NC					
42.31	PRCM30-15DP	PNP, NO					
44.80	PRCM30-15DP2	PNP, NC					
57.27	PRCML18-5AC	NC	5mm	Flush	M18x1 L=87mm	90 to 250VAC	Connector type Long size Housing
57.27	PRCML18-5AO	NO					
37.33	PRCML18-5DN	NPN, NO					
39.82	PRCML18-5DN2	NPN, NC					
37.33	PRCML18-5DP	PNP, NO					
39.82	PRCML18-5DP2	PNP, NC					
57.27	PRCML18-8AC	NC	8mm	Non Flush	M18x1 L=87mm	90 to 250VAC	Connector type Long size Housing
57.27	PRCML18-8AO	NO					
37.33	PRCML18-8DN	NPN, NO					
39.82	PRCML18-8DN2	NPN, NC					
37.33	PRCML18-8DP	PNP, NO					
39.82	PRCML18-8DP2	PNP, NC					

# Lista de precios Autonics

■ Mark = inventory item

□ White mark = non inventory item, delivery time is 4 weeks ARO

## Inductive Proximity Sensors - Cylindrical

## Group H

Price	Model	Output	Sensing	Shielding	Housing	Power	Type																																																																																																																																																																																																																												
61.01	PRCML30-10AC	NC	10mm	Flush	Cylindrical type Nickel- plated brass, Connector Housing	90 to 250VAC	Connector type Long size Housing																																																																																																																																																																																																																												
61.01	PRCML30-10AO	NO						43.56	PRCML30-10DN	NPN, NO	10mm	Flush	M30x1.5 L=86mm	15 to 30VDC	46.05	PRCML30-10DN2	NPN, NC	43.56	PRCML30-10DP	PNP, NO	46.05	PRCML30-10DP2	PNP, NC	61.01	PRCML30-15AC	NC	15mm	Non Flush	M30x1.5 L=86mm	90 to 250VAC	61.01	PRCML30-15AO	NO	43.56	PRCML30-15DN	NPN, NO	15mm	Non Flush	M30x1.5 L=86mm	15 to 30VDC	46.05	PRCML30-15DN2	NPN, NC	43.56	PRCML30-15DP	PNP, NO	46.05	PRCML30-15DP2	PNP, NC	34.83	PRCMT12-2DC	NC	2mm	Flush	M12x1 L=56mm	15 to 30VDC	Connector type DC 2 wire	34.83	PRCMT12-2DO	NO	34.83	PRCMT12-4DC	NC	4mm	Non Flush	M12x1 L=56mm	15 to 30VDC	34.83	PRCMT12-4DO	NO	34.83	PRCMT18-5DC	NC	5mm	Flush	M18x1 L=54mm	15 to 30VDC	34.83	PRCMT18-5DO	NO	34.83	PRCMT18-8DC	NC	8mm	Non Flush	M18x1 L=54mm	15 to 30VDC	34.83	PRCMT18-8DO	NO	42.31	PRCMT30-10DC	NC	10mm	Flush	M30x1.5 L=64mm	10 to 30VDC	Cable- Connector	42.31	PRCMT30-10DO	NO	42.31	PRCMT30-15DC	NC	15mm	Non Flush	M30x1.5 L=64mm	10 to 30VDC	42.31	PRCMT30-15DO	NO	41.06	PRW08-1.5DN	NPN, NO	1.5mm	Flush	M8x1 L=30mm	10 to 30VDC	Cable- Connector	41.06	PRW08-1.5DP	PNP, NO	54.77	PRW12-2AC	NC	2mm	Flush	M12x1 L=60mm	90 to 250VAC	Cable- Connector type	54.77	PRW12-2AO	NO	34.83	PRW12-2DN	NPN, NO	2mm	Flush	M12x1 L=60mm	90 to 250VAC	37.33	PRW12-2DN2	NPN, NC	34.83	PRW12-2DP	PNP, NO	37.33	PRW12-2DP2	PNP, NC	54.77	PRW12-4AC	NC	4mm	Non Flush	M12x1 L=60mm	90 to 250VAC	Cable- Connector type	54.77	PRW12-4AO	NO	34.83	PRW12-4DN	NPN, NO	4mm	Non Flush	M12x1 L=60mm	90 to 250VAC	37.33	PRW12-4DN2	NPN, NC	34.83	PRW12-4DP	PNP, NO	37.33	PRW12-4DP2	PNP, NC	54.77	PRW18-5AC	NC	5mm	Flush	M18x1 L=54mm	90 to 250VAC	Cable- Connector type	54.77	PRW18-5AO	NO	34.83	PRW18-5DN	NPN, NO	5mm	Flush	M18x1 L=54mm	90 to 250VAC	37.33	PRW18-5DN2	NPN, NC	34.83	PRW18-5DP	PNP, NO	37.33	PRW18-5DP2	PNP, NC	54.77	PRW18-8AC	NC	8mm	Non Flush	M18x1 L=54mm	90 to 250VAC	Cable- Connector type	54.77	PRW18-8AO	NO	34.83	PRW18-8DN	NPN, NO	8mm	Non Flush	M18x1 L=54mm	90 to 250VAC	37.33	PRW18-8DN2	NPN, NC	34.83	PRW18-8DP	PNP, NO
43.56	PRCML30-10DN	NPN, NO	10mm	Flush		M30x1.5 L=86mm		15 to 30VDC																																																																																																																																																																																																																											
46.05	PRCML30-10DN2	NPN, NC																																																																																																																																																																																																																																	
43.56	PRCML30-10DP	PNP, NO																																																																																																																																																																																																																																	
46.05	PRCML30-10DP2	PNP, NC																																																																																																																																																																																																																																	
61.01	PRCML30-15AC	NC	15mm	Non Flush		M30x1.5 L=86mm		90 to 250VAC																																																																																																																																																																																																																											
61.01	PRCML30-15AO	NO																																																																																																																																																																																																																																	
43.56	PRCML30-15DN	NPN, NO	15mm	Non Flush				M30x1.5 L=86mm	15 to 30VDC																																																																																																																																																																																																																										
46.05	PRCML30-15DN2	NPN, NC																																																																																																																																																																																																																																	
43.56	PRCML30-15DP	PNP, NO																																																																																																																																																																																																																																	
46.05	PRCML30-15DP2	PNP, NC																																																																																																																																																																																																																																	
34.83	PRCMT12-2DC	NC	2mm	Flush	M12x1 L=56mm		15 to 30VDC	Connector type DC 2 wire																																																																																																																																																																																																																											
34.83	PRCMT12-2DO	NO																																																																																																																																																																																																																																	
34.83	PRCMT12-4DC	NC	4mm	Non Flush					M12x1 L=56mm	15 to 30VDC																																																																																																																																																																																																																									
34.83	PRCMT12-4DO	NO																																																																																																																																																																																																																																	
34.83	PRCMT18-5DC	NC	5mm	Flush							M18x1 L=54mm	15 to 30VDC																																																																																																																																																																																																																							
34.83	PRCMT18-5DO	NO																																																																																																																																																																																																																																	
34.83	PRCMT18-8DC	NC	8mm	Non Flush		M18x1 L=54mm							15 to 30VDC																																																																																																																																																																																																																						
34.83	PRCMT18-8DO	NO																																																																																																																																																																																																																																	
42.31	PRCMT30-10DC	NC	10mm	Flush										M30x1.5 L=64mm	10 to 30VDC	Cable- Connector																																																																																																																																																																																																																			
42.31	PRCMT30-10DO	NO																																																																																																																																																																																																																																	
42.31	PRCMT30-15DC	NC	15mm	Non Flush													M30x1.5 L=64mm	10 to 30VDC																																																																																																																																																																																																																	
42.31	PRCMT30-15DO	NO																																																																																																																																																																																																																																	
41.06	PRW08-1.5DN	NPN, NO	1.5mm	Flush	M8x1 L=30mm		10 to 30VDC	Cable- Connector																																																																																																																																																																																																																											
41.06	PRW08-1.5DP	PNP, NO																																																																																																																																																																																																																																	
54.77	PRW12-2AC	NC	2mm	Flush					M12x1 L=60mm	90 to 250VAC									Cable- Connector type																																																																																																																																																																																																																
54.77	PRW12-2AO	NO																																																																																																																																																																																																																																	
34.83	PRW12-2DN	NPN, NO	2mm	Flush							M12x1 L=60mm	90 to 250VAC																																																																																																																																																																																																																							
37.33	PRW12-2DN2	NPN, NC																																																																																																																																																																																																																																	
34.83	PRW12-2DP	PNP, NO																																																																																																																																																																																																																																	
37.33	PRW12-2DP2	PNP, NC																																																																																																																																																																																																																																	
54.77	PRW12-4AC	NC	4mm	Non Flush		M12x1 L=60mm							90 to 250VAC	Cable- Connector type																																																																																																																																																																																																																					
54.77	PRW12-4AO	NO																																																																																																																																																																																																																																	
34.83	PRW12-4DN	NPN, NO	4mm	Non Flush											M12x1 L=60mm	90 to 250VAC																																																																																																																																																																																																																			
37.33	PRW12-4DN2	NPN, NC																																																																																																																																																																																																																																	
34.83	PRW12-4DP	PNP, NO																																																																																																																																																																																																																																	
37.33	PRW12-4DP2	PNP, NC																																																																																																																																																																																																																																	
54.77	PRW18-5AC	NC	5mm	Flush	M18x1 L=54mm		90 to 250VAC	Cable- Connector type																																																																																																																																																																																																																											
54.77	PRW18-5AO	NO																																																																																																																																																																																																																																	
34.83	PRW18-5DN	NPN, NO	5mm	Flush					M18x1 L=54mm	90 to 250VAC																																																																																																																																																																																																																									
37.33	PRW18-5DN2	NPN, NC																																																																																																																																																																																																																																	
34.83	PRW18-5DP	PNP, NO																																																																																																																																																																																																																																	
37.33	PRW18-5DP2	PNP, NC																																																																																																																																																																																																																																	
54.77	PRW18-8AC	NC	8mm	Non Flush		M18x1 L=54mm					90 to 250VAC	Cable- Connector type																																																																																																																																																																																																																							
54.77	PRW18-8AO	NO																																																																																																																																																																																																																																	
34.83	PRW18-8DN	NPN, NO	8mm	Non Flush									M18x1 L=54mm	90 to 250VAC																																																																																																																																																																																																																					
37.33	PRW18-8DN2	NPN, NC																																																																																																																																																																																																																																	
34.83	PRW18-8DP	PNP, NO																																																																																																																																																																																																																																	
37.33	PRW18-8DP2	PNP, NC																																																																																																																																																																																																																																	

■ Mark = inventory item

□ White mark = non inventory item, delivery time is 4 weeks ARO

## Inductive Proximity Sensors - Cylindrical

## Group H

Price	Model	Output	Sensing Distance	Shielding	Housing		Power	Type		
59.76	PRW30-10AC	NC	10mm	Flush	Cylindrical type Nickel-plated brass, Cable-Connector Housing	M30x1.5 L=58mm	90 to 250VAC	Cable-Connector type		
59.76	PRW30-10AO	NO								
42.31	PRW30-10DN	NPN, NO	5mm	Flush		M18x1 L=80mm	10 to 30VDC			
44.80	PRW30-10DN2	NPN, NC								
42.31	PRW30-10DP	PNP, NO								
44.80	PRW30-10DP2	PNP, NC								
59.76	PRW30-15AC	NC	15mm	Non Flush		M30x1.5 L=58mm	90 to 250VAC			
59.76	PRW30-15AO	NO								
42.31	PRW30-15DN	NPN, NO	8mm	Non Flush		M18x1 L=80mm	10 to 30VDC			
44.80	PRW30-15DN2	NPN, NC								
42.31	PRW30-15DP	PNP, NO								
44.80	PRW30-15DP2	PNP, NC								
57.27	PRWL18-5AC	NC	5mm	Flush		M18x1 L=80mm	90 to 250VAC	Cable-Connector Long size housing type		
57.27	PRWL18-5AO	NO								
37.33	PRWL18-5DN	NPN, NO	10mm	Flush		M30x1.5 L=58mm	10 to 30VDC			
39.82	PRWL18-5DN2	NPN, NC								
37.33	PRWL18-5DP	PNP, NO								
39.82	PRWL18-5DP2	PNP, NC								
57.27	PRWL18-8AC	NC	8mm	Non Flush		M18x1 L=80mm	90 to 250VAC			
57.27	PRWL18-8AO	NO								
37.33	PRWL18-8DN	NPN, NO	15mm	Non Flush		M30x1.5 L=58mm	10 to 30VDC			
39.82	PRWL18-8DN2	NPN, NC								
37.33	PRWL18-8DP	PNP, NO								
39.82	PRWL18-8DP2	PNP, NC								
61.01	PRWL30-10AC	NC	10mm	Flush		Cylindrical type Nickel-plated brass, Cable-Connector Housing	M30x1.5 L=80mm	90 to 250VAC	Cable-Connector Long size housing type	
61.01	PRWL30-10AO	NO								
46.05	PRWL30-10DN	NPN, NO	10mm	Flush			M30x1.5 L=80mm	10 to 30VDC		
48.54	PRWL30-10DN2	NPN, NC								
46.05	PRWL30-10DP	PNP, NO								
48.54	PRWL30-10DP2	PNP, NC								
61.01	PRWL30-15AC	NC	15mm	Non Flush	M30x1.5 L=80mm		90 to 250VAC			
61.01	PRWL30-15AO	NO								
46.05	PRWL30-15DN	NPN, NO	15mm	Non Flush	M30x1.5 L=80mm		10 to 30VDC			
48.54	PRWL30-15DN2	NPN, NC								
46.05	PRWL30-15DP	PNP, NO								
48.54	PRWL30-15DP2	PNP, NC								
34.83	PRWT12-2DC	NC	2mm	Flush	M12x1 L=43mm		10 to 30VDC	Cable-Connector DC 2 wire Switching type		
34.83	PRWT12-2DO	NO								
34.83	PRWT12-4DC	NC	4mm	Non Flush						
34.83	PRWT12-4DO	NO								
34.83	PRWT18-5DC	NC	5mm	Flush						
34.83	PRWT18-5DO	NO								
34.83	PRWT18-8DC	NC	8mm	Non Flush						
34.83	PRWT18-8DO	NO								
42.31	PRWT30-10DC	NC	10mm	Flush					M30x1.5 L=58mm	10 to 30VDC
42.31	PRWT30-10DO	NO								
42.31	PRWT30-15DC	NC	15mm	Non Flush						
42.31	PRWT30-15DO	NO								

Mark = inventory item

White mark = non inventory item, delivery time is 4 weeks ARO

## Inductive Proximity Sensors - Rectangular

## Group H

Price	Model	Output	Sensing Distance	Detecting side	Housing	Power	Type					
29.85	PS12-4DN	NPN, NO	4mm	Detecting head is Front side	Rectangular Plastic Housing	12x12x45	Rectangular type DC Switching					
32.34	PS12-4DN2	NPN, NC										
29.85	PS12-4DP	PNP, NO		Detecting head is up side								
29.85	PS12-4DNU	NPN, NO										
32.34	PS12-4DN2U	NPN, NC										
29.85	PS12-4DPU	PNP, NO										
24.86	PS17-3DN	NPN, NO	3mm	Detecting head is Front side		17x17x36		10 to 30VDC				
27.36	PS17-3DN2	NPN, NC										
24.86	PS17-3DP	PNP, NO		Detecting head is up side								
24.86	PS17-3DNU	NPN, NO										
27.36	PS17-3DN2U	NPN, NC										
24.86	PS17-3DPU	PNP, NO										
24.86	PS17-5DN	NPN, NO	5mm	Detecting head is Front side	17x17x36		10 to 30VDC					
27.36	PS17-5DN2	NPN, NC										
24.86	PS17-5DP	PNP, NO		Detecting head is up side								
24.86	PS17-5DNU	NPN, NO										
27.36	PS17-5DN2U	NPN, NC										
24.86	PS17-5DPU	PNP, NO										
24.86	PS17-8DN	NPN, NO	8mm	Detecting head is Front side		17x17x36		10 to 30VDC				
27.36	PS17-8DN2	NPN, NC										
24.86	PS17-8DP	PNP, NO		Detecting head is up side								
24.86	PS17-8DNU	NPN, NO										
27.36	PS17-8DN2U	NPN, NC										
24.86	PS17-8DPU	PNP, NO										
26.11	PS17-8DN-F	NPN, NO	8mm	Detecting head is Front side, - 8DPU is Up side	17x17x36		Osc. Freq. different allowing for side by side operation					
28.60	PS17-8DN2-F	NPN, NC										
26.11	PS17-8DP-F	PNP, NO										
28.60	PS17-8DP2-F	PNP, NC										
26.11	PS17-8DPU-F	PNP, NO										
63.50	PS50-30DN	NPN, NO	30mm	Detecting head is up side			35x35x58		Long Distance type			
65.99	PS50-30DN2	NPN, NC										
63.50	PS50-30DP	PNP, NO										
65.99	PS50-30DP2	PNP, NC										
27.36	PSN25-5DN	NPN, NO	5mm	Detecting head is Front side		26x25.3x39		10 to 30VDC				
29.85	PSN25-5DN2	NPN, NC										
27.36	PSN25-5DP	PNP, NO										
29.85	PSN25-5DP2	PNP, NC										
31.09	PSN30-10DN	NPN, NO	10mm		Detecting head is Front side				30x30x53	Polygon Housing		
33.59	PSN30-10DN2	NPN, NC										
31.09	PSN30-10DP	PNP, NO										
33.59	PSN30-10DP2	PNP, NC										
31.09	PSN30-15DN	NPN, NO	15mm				Detecting head is Front side				30x30x53	Polygon Housing
33.59	PSN30-15DN2	NPN, NC										
31.09	PSN30-15DP	PNP, NO										
33.59	PSN30-15DP2	PNP, NC										
43.56	PSN40-20DN	NPN, NO	20mm	Detecting head is Front side		40x40x53		Polygon Housing				
46.05	PSN40-20DN2	NPN, NC										
43.56	PSN40-20DP	PNP, NO										
46.05	PSN40-20DP2	PNP, NC										

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## Inductive Proximity Sensors - Rectangular

## Group H

Price	Model	Output	Sensing Distance	Detecting side	Housing		Power	Type	
37.33	PFI25-8DN	NPN, NO	8mm	Detecting head is up side	Rectangular Plastic Housing	25x10x49	15 to 30VDC	Flat Housing	
39.82	PFI25-8DN2	NPN, NC							
37.33	PFI25-8DP	PNP, NO							
39.82	PFI25-8DP2	PNP, NC							
148.24	AS80-50DN3	NPN, NO/NC	50mm	Detecting head is Front side		80x40x80		15 to 30VDC	Long Distance
148.24	AS80-50DP3	PNP, NO/NC							
29.85	PST17-3DC	NC	3mm			5mm	17x17x36	90 to 250VAC	DC 2 wire Switching
29.85	PST17-3DO	NO							
29.85	PST17-5DC	NC							
29.85	PST17-5DO	NO							
43.56	PSN25-5AC	NC	5mm		5mm	26x25.3x39	90 to 250VAC	AC Switching	
43.56	PSN25-5AO	NO							
43.56	PSN30-10AC	NC	10mm						
43.56	PSN30-10AO	NO							
43.56	PSN30-15AC	NC	15mm	30x30x53					
43.56	PSN30-15AO	NO							
78.45	PSN40-20AC	NC	20mm	40x40x53					
78.45	PSN40-20AO	NO							

## Capacitive Proximity Sensors

## Group H

Price	Model	Output	Sensing Distance	Shielding	Housing		Power	Type		
67.24	CR18-8DN	NPN, NO	8mm	Non Flush	Cylindrical type, Plastic Housing	M18x1, L=72mm	10 to 30VDC	Capacitive type DC Switching		
70.98	CR18-8DN2	NPN, NC								
67.24	CR18-8DP	PNP, NO								
70.98	CR18-8DP2	PNP, NC								
74.71	CR30-15DN	NPN, NO	15mm		Cylindrical type, Nickel-plated brass	M30x1.5, L=71mm			90 to 250VAC	Capacitive type AC Switching
78.45	CR30-15DN2	NPN, NC								
74.71	CR30-15DP	PNP, NO								
78.45	CR30-15DP2	PNP, NC								
78.45	CR18-8AC	NC	8mm		Cylindrical Plastic body	M18x1, L=72mm	90 to 250VAC	Capacitive type AC Switching		
78.45	CR18-8AO	NO								
83.44	CR30-15AC	NC	15mm	Cylindrical Nical-plated	M30x1.5, L=71mm	90 to 250VAC	Capacitive type AC Switching			
83.44	CR30-15AO	NO								

## Proximity Sensor Accessories

## Group H

Price	Model	Type	Decription
0.99	P90-M12	M12	Silcon rubber cover used to protect empty connector outlets on connection box.
0.99	P90-M18	M18	
0.99	P90-M30	M30	
0.99	P90-R12	M12	Mounting Bracket
0.99	P90-R18	M18	
1.56	P90-R30	M30	
5.16	P96-M12-1	M12	Metal water proof cover used to protect empty connector outlets on connection box.
0.99	P96-M12-2		

Mark = inventory item

White mark = non inventory item, delivery time is 4 weeks ARO

## Junction Boxes

## Group H

Price	Model	Output Type	Outlet	Mounting	Housing	Power	Type		
9.34	PT1-A	NPN/PNP or NO/NC	1 outlet	Rear Insert from Panel	Panel mounting Connector	M12	90 to 250VAC	AC type	
9.34	PT1-D			10 to 30VDC			DC type		
9.34	PT2-A			90 to 250VAC			AC type		
9.34	PT2-D			10 to 30VDC			DC type		
90.70	PT4-2D	NO/NC	4 outlet	Surface mounting	Junction box for Proximity Sensor	50x17x73	10 to 30VDC	DC 2 wire	
90.70	PT4-3DN	NPN NO/NC						DC 3 wire	
90.70	PT4-3DP	PNP NO/NC						DC 2 wire	
109.47	PT6-2D	NO/NC	6 outlet					50x17x98	DC 3 wire
109.47	PT6-3DN	NPN NO/NC							DC 2 wire
109.47	PT6-3DP	PNP NO/NC							DC 3 wire
127.21	PT8-2D	NO/NC	8 outlet	50x17x123	10 to 30VDC	DC 2 wire			
127.21	PT8-3DN	NPN NO/NC				DC 3 wire			
127.21	PT8-3DP	PNP NO/NC				DC 2 wire			
						DC 3 wire			

## Connector Cables &amp; Extension Cables

## Group H

Price	Model	Style	Power Type	Cable Length	Cable Material	Price	Model
11.42	CIA2-2	I type + Cable wire (Female + Wire) I = Straight Connector,	AC	2 m	Left side Model numbers have PVC cable jacket, Right side model numbers have PUR cable jacket, PUR	13.42	CIAPU2-2
14.55	CIA2-5			5 m		16.55	CIAPU2-5
11.42	CID2-2			DC		2 m	13.42
14.55	CID2-5		5 m			16.55	CIDPU2-5
11.42	CID3-2		2 m			13.42	CIDPU3-2
14.55	CID3-5		5 m	16.55		CIDPU3-5	
11.42	CLA2-2	L type + Cable wire (Female + Wire) L = 90 Degree Connector	AC	2 m		13.42	CLAPU2-2
14.55	CLA2-5			5 m		16.55	CLAPU2-5
11.42	CLD2-2			DC		2 m	13.42
14.55	CLD2-5		5 m			16.55	CLDPU2-5
11.42	CLD3-2		2 m			13.42	CLDPU3-2
14.55	CLD3-5		5 m	16.55		CLDPU3-5	
11.42	CID2-2P	I type + Cable wire (Male + wire) I = Straight Connector	DC	2 m	13.42	CIDPU2-2P	
11.42	CID3-2P			2 m	13.42	CIDPU3-2P	
11.42	CIA2-2P		AC	1 m	13.42	CIAPU2-2P	
11.42	CLD2-2P	L type + Cable wire (Male + wire) L = 90 Degree Connector	DC	2 m	13.42	CLDPU2-2P	
11.42	CLD2-2P			2 m	13.42	CLDPU2-2P	
11.42	CLA2-2P		AC	2 m	13.42	CLAPU2-2P	
15.59	C1A4-2	I type + I type (Female+Male) I = Straight Connector	AC	2 m	Left side Model numbers have PVC cable jacket, Right side model numbers have PUR cable jacket, PUR	17.59	C1APU4-2
18.72	C1A4-5			5 m		20.72	C1APU4-5
15.59	C1D4-2		DC	2 m		17.59	C1DPU4-2
18.72	C1D4-5			5 m		20.72	C1DPU4-5
15.59	C2A4-2	L type + L type (Female + Male) L = 90 Degree Connector	AC	2 m		17.59	C2APU4-2
18.72	C2A4-5			5 m		20.72	C2APU4-5
15.59	C2D4-2			DC		2 m	17.59
18.72	C2D4-5		5 m			20.72	C2DPU4-5
15.59	C3A4-2		AC			2 m	17.59
18.72	C3A4-5			5 m		20.72	C3APU4-5
15.59	C3D4-2	DC		2 m		17.59	C3DPU4-2
18.72	C3D4-5		5 m	20.72		C3DPU4-5	
15.59	C4A4-2	L type + I type (Female + Male) L = 90 Degree Connector	AC	2 m	17.59	C4APU4-2	
18.72	C4A4-5			5 m	20.72	C4APU4-5	
15.59	C4D4-2			DC	2 m	17.59	C4DPU4-2
18.72	C4D4-5		5 m		20.72	C4DPU4-5	
15.59	C1D4-2P		I type + I type (Male + Male) I = Straight Connector		DC	2 m	17.59
18.72	C1D4-5P			5 m		20.72	C1DPU4-5P
15.59	C1A4-2P	AC		2 m	17.59	C1APU4-2P	
18.72	C1A4-5P			2 m	20.72	C1APU4-5P	

Mark = inventory item

**Lista de precios Autonics**  
□ White mark = non inventory item, delivery time is 4 weeks ARO

**Photo Micro Sensors****Group I**

Price	Model	Output	Operation	Sensing Distance	Type	Housing (mm)	Power
14.55	BS5-K2M	NPN	Dark / Light ON	5mm fix	Through	25x6.6x27.5	5 to 24VDC
14.55	BS5-L2M					25x15.4x18.7	
14.55	BS5-T2M					25x14x27.4	

**Auto Door Sensor****Group I**

Price	Model	Output	Housing Color	Housing	Power
149.11	ADS-AE	Relay 50VDC 0.1A(Resistive road)	Silver or Black	26x60x224	12 to 24VAC/DC
149.11	ADS-AF	Relay 50VDC 0.1A(Resistive road)	Silver or Black	26x60x224	24 to 240VAC/DC
145.98	ADS-SE	Relay 50VDC 0.3A(Resistive road)	Side door sensor	30x44x77	12 to 24VAC/DC
104.26	ADS-SEC	Relay 50VDC 0.3A(Resistive road)	Side door sensor (Controllr)	30x44x78	
46.89	ADS-SH		Sensor (with 10m Cable)	15x15	

**Photoelectric Sensors****Group I**

Price	Model	Output	Operation	Sensing Distance	Type	Housing	Power	
77.14	BA2M-DDT	NPN	Dark / Light ON	2m	Diffuse	19x16x48.5	12 to 24VDC	
65.66	BEN300-DDT	NPN/PNP		300mm	Diffuse	18x50x50 mm	24 to 240VAC/DC	
72.96	BEN300-DFR	Relay					12 to 24VDC	
76.09	BEN3M-PDT	NPN/PNP		3m	Retroreflective Polarized		24 to 240VAC/DC	
83.40	BEN3M-PFR	Relay					12 to 24VDC	
65.66	BEN5M-MDT	NPN/PNP		5m	Retroreflective		24 to 240VAC/DC	
72.96	BEN5M-MFR	Relay					12 to 24VDC	
76.62	BEN10M-TDT	NPN/PNP		10m	Through		12 to 24VDC	
89.45	BEN10M-TFR	Relay					24 to 240VAC/DC	
59.40	BM200-DDT	NPN		Light ON	200mm		Diffuse	16x28x52 mm
59.40	BM200-DDTN		Dark ON	1m	Retroreflective			
59.40	BM1M-MDT			3m	Through			
61.49	BM3M-TDT							
59.40	BMS2M-MDT	NPN	Dark / Light ON	2m	Retroreflective			
59.40	BMS2M-MDT-P	PNP		200mm	Diffuse			
59.40	BMS200-DDTN	NPN						
59.40	BMS200-DDTN-P	PNP		300mm	Diffuse			
59.40	BMS300-DDT	NPN						
59.40	BMS300-DDT-P	PNP		5m	Through			
72.96	BMS5M-TDT	NPN						
72.96	BMS5M-TDT-P	PNP						

**Photo Sensor Accessories****Group I**

Price	Model	Ordering Information
7.25	MS-1	Reflector
7.25	MS-2	
7.25	MS-3	

█ Mark = inventory item

█ White mark = non inventory item, delivery time is 4 weeks ARO

## Photoelectric Sensors

## Group I

Price	Model	Output	Operation	Sensing Distance	Type	Housing (mm)	Power
83.40	BPS3M-TDT	NPN	Dark ON	3m	Through	16x7.5x28	12 to 24VDC
83.40	BPS3M-TDT-P	PNP					
83.40	BPS3M-TDTL	NPN	Light ON	3m	Through	16x7.5x28	
83.40	BPS3M-TDTL-P	PNP					
74.01	BR100-DDT	NPN	Dark / Light ON	100mm	Diffuse	M18, L=74mm	
74.01	BR100-DDT-P	PNP					
74.01	BR4M-TDT	NPN	Dark ON	4m	Through	M18, L=67mm	
74.01	BR4M-TDT-P	PNP					
74.01	BR4M-TDTL	NPN	Light ON	4m	Through	M18, L=67mm	
74.01	BR4M-TDTL-P	PNP					
74.01	BRP100-DDT	NPN	Dark / Light ON	100mm	Diffuse	M18, L=74mm	
74.01	BRP100-DDT-P	PNP					
55.23	BY500-TDT	NPN	Dark ON	500mm	Through	12x16x30	
55.23	BYS500-TDT			500mm		12x30x16	
62.53	BYD100-DDT		Light ON	100mm	Diffuse	12x30x18 mm	
55.23	BYD30-DDT			30mm			
55.23	BYD30-DDT-T			50mm			
55.23	BYD50-DDT			50mm			
55.23	BYD50-DDT-T		Dark ON	3m	Through	12x30x18 mm	
77.14	BYD3M-TDT			3m			
77.14	BYD3M-TDT-P		PNP	3m	Through	12x30x18 mm	
64.62	BUD-30		NPN	Dark / Light ON	30mm	Through	52x50x72
69.84	BUD-30S	30mm			78x20x78		
69.84	BUD-50	50mm			78x20x78		
72.96	BUD-50S	50mm			78x20x78		
78.18	BX15M-TDT	NPN	Dark / Light ON	15m	Through	25x65x75 mm	
92.78	BX15M-TDT-T	NPN	D/L ON+Time function				
94.87	BX15M-TFR	Relay	Dark / Light ON				
102.17	BX15M-TFR-T		D/L ON+Time function				
81.31	BX3M-PDT	NPN	Dark / Light ON	3m	Retroreflective Polarized	12 to 24VDC	
81.31	BX3M-PDT-P	PNP					
90.70	BX3M-PDT-T	NPN	Time function, Light/Dark ON	3m	Retroreflective Polarized	12 to 24VDC	
90.70	BX3M-PDT-TP	PNP					
99.04	BX3M-PFR	Relay	Dark / Light ON	3m	Retroreflective Polarized	24 to 240VAC/DC	
109.47	BX3M-PFR-T		D/L ON+Time function				
74.01	BX5M-MDT	NPN	Dark / Light ON	5m	Retroreflective	12 to 24VDC	
74.01	BX5M-MDT-P	PNP					
81.31	BX5M-MDT-T	NPN	Time function, Light/Dark ON	5m	Retroreflective	12 to 24VDC	
81.31	BX5M-MDT-TP	PNP					
86.53	BX5M-MFR	Relay	Dark / Light ON	5m	Retroreflective	24 to 240VAC/DC	
95.91	BX5M-MFR-T		D/L ON+Time function				
74.01	BX700-DDT	NPN	Dark / Light ON	700mm	Diffuse	12 to 24VDC	
74.01	BX700-DDT-P	PNP					
85.48	BX700-DDT-T	NPN	Time function, Light / Dark ON	700mm	Diffuse	12 to 24VDC	
85.48	BX700-DDT-TP	PNP					
88.61	BX700-DFR	Relay	Dark / Light ON	700mm	Diffuse	24 to 240VAC/DC	
98.00	BX700-DFR-T		D/L ON+Time function				

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## Fiber Optic Sensor &amp; Cables

## Group I

Price	Model	Type	Sensing Head Spec.	Sensing Distance	Fiber Cable Specification	Fiber Core Specification	
65.66	BF3RX	NPN, NO	Adjustment by potentiometer	40mm	Standard model	12 to 24VDC	
65.66	BF3RX-P	PNP, NO					
82.35	BF4R	NPN, NO	Auto tuning type	40mm	Synchronization input model		
87.57	BF4R-E	NPN, NO			Standard model		
82.35	BF4R-P	PNP, NO			Remote sensitivity setting		
87.57	BF4R-R	NPN, NO					
41.67	FD-320-05	Diffuse	M3X0.5, L=12mm	40mm	Ø1, L=2m	Ø0.5 x 2mm	
55.23	FD-320-F		M3X0.5, L=18mm	60mm		Ø0.25 x 4, Ø0.5 x 1	
55.23	FD-320-F1		M3X0.5, L=12mm	40mm		Ø0.25 x 9, Ø0.5 x 1	
55.23	FD-420-05		M4X0.7, L=15mm	40mm		Ø0.5 x 2mm	
35.41	FD-620-10		M6X0.75, L=18mm	120mm	Spiral Cable	Ø1 x 2mm	
65.66	FD-620-10C		M6X0.75, L=18mm		125°C Heat proof		
89.65	FD-620-10H		M6X0.75, L=18mm	160mm	150°C Heat proof	Ø2.2, L=2m	Ø1.5 x 2mm
157.46	FD-620-15H1		M6X0.75, L=18mm				
42.71	FD-620-F2		M6X0.75, L=18mm	120mm			Ø0.25 x 16, Ø1 x 1
23.94	FDP-320-10		Plastic Head 19x14x7.5				Ø1 x 2mm
37.50	FDC-320-05		Smooth barrel Ø3, L=15	40mm			
55.23	FDCS-320-05		Smooth barrel Ø3, L=15, Flexible Ø1.5, L=15mm				
55.23	FDS-320-05		M3x0.5, L=12mm, Flexible Ø1.5, L=90mm				
55.23	FDS-420-05		M4x0.7, L=15mm, Flexible Ø1.5, L=90mm				
50.02	FDS-620-10		M6x0.75, L=18mm, Flexible Ø2.5, L=90mm	120mm		Ø2.2, L=2m	Ø1 x 2mm
74.01	FT-320-05		Through	M3X0.5, L=12mm	150mm	Ø1, L=2m	Ø0.5 x 1mm
33.33	FT-420-10	M4X0.7, L=15mm		500mm	Spiral Cable		
89.65	FT-420-10C				125°C Heat proof		
89.65	FT-420-10H				150°C Heat proof		
157.46	FT-420-10H1				150°C Heat proof		
42.71	FTC-220-05	Smooth barrel Ø2, L=15		150mm	Ø1, L=2m	Ø0.5 x 1mm	
42.71	FTC-320-10	Smooth barrel Ø3, L=15		500mm	Ø2.2, L=2m	Ø1 x 1mm	
55.23	FTCS-220-05	Smooth barrel Ø2, L=15, Flexible Ø1, L=15		150mm	Ø1, L=2m	Ø0.5 x 1mm	
28.11	FTP-320-10	Plastic Head 19x14x7.5		500mm			
57.32	FTR-420-10	90° Band M4x0.7, L=18					
80.27	FTS1-320-05	M3x0.5, L=12mm, Flexible Ø1, L=35mm		150mm	Ø1, L=2m	Ø0.5 x 1mm	
82.35	FTS-320-05	M3x0.5, L=12mm, Flexible Ø1, L=90mm		150mm	Ø1, L=2m	Ø0.5 x 1mm	
60.45	FTS-420-10	M4x0.7, L=15mm, Flexible Ø1.5, L=90mm		500mm			
414.06	GT-420-14H2	M4x0.7, L=15mm,					
46.89	FDH-610	Diffuse		Protection Tube	Front part : Ø9, M6x0.75, L=11, Cable : Ø7, L=1m		
68.79	FTH-310	Through			Front part : Ø7, M3x0.7, L=12, Cable : Ø4.6, L=1m		
72.96	FTH-410	Through	Front part : Ø7, M4x0.7, L=12, Cable : Ø5.8, L=1m				

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## Area Sensor

## Group I

Price	Model	Output	Optical axis pitch	Sensing Distance	Housing (mm)	Sensing Width	Power	
555.92	BW20-08, 08P	NPN open collector	20mm	0.2 - 7m	22.6x22.6x160	160mm	12-24VDC	
764.51	BW20-12, 12P				22.6x22.6x240	240mm		
973.16	BW20-16, 16P				22.6x22.6x320	320mm		
1,181.78	BW20-20, 20P				22.6x22.6x400	400mm		
1,390.40	BW20-24, 24P				22.6x22.6x480	480mm		
1,599.02	BW20-28, 28P				22.6x22.6x560	560mm		
1,807.64	BW20-32, 32P				22.6x22.6x640	640mm		
2,016.26	BW20-36, 36P				22.6x22.6x720	720mm		
2,224.88	BW20-40, 40P				22.6x22.6x800	800mm		
2,433.50	BW20-44, 44P				22.6x22.6x880	880mm		
2,642.12	BW20-48, 48P		22.6x22.6x960		960mm			
484.99	BW40-04, 04P		PNP open collector		40mm	22.6x22.6x160		160mm
625.81	BW40-06, 06P					22.6x22.6x240		240mm
834.43	BW40-08, 08P					22.6x22.6x320		320mm
1,043.05	BW40-10, 10P					22.6x22.6x400		400mm
1,181.78	BW40-12, 12P					22.6x22.6x480		480mm
1,319.47	BW40-14, 14P					22.6x22.6x560		560mm
1,460.29	BW40-16, 16P					22.6x22.6x640		640mm
1,668.91	BW40-18, 18P					22.6x22.6x720		720mm
1,807.64	BW40-20, 20P					22.6x22.6x800		800mm
1,945.33	BW40-22, 22P	22.6x22.6x880		880mm				
2,086.15	BW40-24, 24P	22.6x22.6x960	960mm					
322.27	BWP20-08	NPN	20mm	0.1-5m	Plastic 13x30x190	140mm	12-24VDC	
322.27	BWP20-08P	PNP						
380.68	BWP20-12	NPN			Plastic 13x30x270	220mm		
380.68	BWP20-12P	PNP						
439.09	BWP20-16	NPN			Plastic 13x30x350	16mm		
439.09	BWP20-16P	PNP						
497.51	BWP20-20	NPN			Plastic 13x30x430	380mm		
497.51	BWP20-20P	PNP						

## Picking Area Sensor

## Group I

Price	Model	Output	Optical axis pitch	Sensing Distance	Housing (mm)	Sensing Width	Power
279.50	BWPK-25	NPN	25mm	0.1-3m	10x30x140	100mm	12-24VDC
279.50	BWPK-25P	PNP		0.05-1m			

## Extention Cable for Area Sensor

Price	Model	Length	Type
18.72	CID4-3T	3m	Emitter
30.20	CID4-5T	5m	
36.46	CID4-7T	7m	
47.93	CID4-10T	10m	
18.72	CID4-3R	3m	Receiver
30.20	CID4-5R	5m	
36.46	CID4-7R	7m	
47.93	CID4-10R	10m	

**Pressure Sensor****Group J**

Price	Model	Output	Type	Pressure range	Housing	Power
147.02	PSA-V01	NPN	Negative Pressure	0.01 to - 101.3kPa	30x30x38.5 Available NPT1/8 port , PT1/8 port	12 to 24 VDC
147.02	PSA-V01P	PNP				
147.02	PSA-01	NPN	Positive Pressure	0 to 100.0kPa		
147.02	PSA-01P	PNP				
147.02	PSA-1	NPN				
147.02	PSA-1P	PNP				
147.02	PSA-C01	NPN	Differential Pressure	-100.0 to 100 kPa		
147.02	PSA-C01P	PNP				
147.02	PSB-V01	NPN	Negative Pressure	0.01 to - 101.3kPa	10.2x25x54	
147.02	PSB-V01P	PNP				
147.02	PSB-01	NPN	Positive Pressure	0 to 100.0kPa		
147.02	PSB-01P	PNP				
147.02	PSB-1	NPN				
147.02	PSB-1P	PNP				
147.02	PSB-C01	NPN	Differential Pressure	-100.0 to 100kPa		
147.02	PSB-C01P	PNP				

**Pressure Sensor Accessories****Group J**

Price	Model	Description
10.38	PSO-01	Panel Bracket for PSA
7.25	PSO-02	Proteccion cover for front face of PSA

## Incremental Encoders

## Group K

Price	Model	Housing	Shaft	Pulse	Phase	Output	Power
149.11	E40H8 -(*)-3-T	Ø40 Body Hollow Shaft type	Ø8 Hollow Shaft	* Pulse Choices by grouping; (1), (2), (3), (4), (5), (6) Include # pulses in model #	A, B, Z	Totem pole	5VDC or 12-24VDC
152.24	E40H8 -(*)-3-T						
166.84	E40H8 -(*)-3-T						
169.97	E40H8 -(*)-3-T						
177.27	E40H8 -(*)-3-T						
223.17	E40H8 -(*)-3-T						
149.11	E40H8 -(*)-3-N			Grouping (*1) Choices: 1, 2, 5, 10, 12, 15, 20, 23, 25, 30, 35, 40, 45, 50, 60, 75, 100, 120, 150, 192, 200	A, B, Z	NPN Open Collector	5VDC or 12-24VDC
152.24	E40H8 -(*)-3-N						
166.84	E40H8 -(*)-3-N						
169.97	E40H8 -(*)-3-N						
177.27	E40H8 -(*)-3-N						
223.17	E40H8 -(*)-3-N						
149.11	E40H8 -(*)-3-V			Grouping (*2) Choices: 240, 250, 256, 300, 360, 400, 500, 512, 600, 800	Voltage	Line Driver	5VDC
152.24	E40H8 -(*)-3-V						
166.84	E40H8 -(*)-3-V						
169.97	E40H8 -(*)-3-V						
177.27	E40H8 -(*)-3-V						
223.17	E40H8 -(*)-3-V						
162.67	E40H8 -(*)-6-L		Grouping (*3) Choices: 1000, 1024	A, B, Z	NPN Open Collector	5VDC or 12-24VDC	
165.80	E40H8 -(*)-6-L						
173.10	E40H8 -(*)-6-L						
179.36	E40H8 -(*)-6-L						
189.79	E40H8 -(*)-6-L						
259.68	E40H8 -(*)-6-L						
155.37	E40H-□-(*)-3-T		Model Name with □ requires a selection of Hollow Shaft; Ø6 or Ø10 - Ø12	Grouping (*4) Choices: 1200, 1500, 1800, 2000, 2048, 2500	A, B, Z	Totem pole	5VDC or 12-24VDC
158.50	E40H-□-(*)-3-T						
173.10	E40H-□-(*)-3-T						
176.23	E40H-□-(*)-3-T						
183.53	E40H-□-(*)-3-T						
241.95	E40H-□-(*)-3-T						
155.37	E40H-□-(*)-3-N	Grouping (*5) Choices: 3000, 3600		A, B, Z	NPN Open Collector	5VDC or 12-24VDC	
158.50	E40H-□-(*)-3-N						
173.10	E40H-□-(*)-3-N						
176.23	E40H-□-(*)-3-N						
183.53	E40H-□-(*)-3-N						
241.95	E40H-□-(*)-3-N						
155.37	E40H-□-(*)-3-V	Grouping (*6) Choices: 5000		Voltage	Line Driver	5VDC	
158.50	E40H-□-(*)-3-V						
173.10	E40H-□-(*)-3-V						
176.23	E40H-□-(*)-3-V						
183.53	E40H-□-(*)-3-V						
241.95	E40H-□-(*)-3-V						
167.89	E40H-□-(*)-6-L	Grouping (*6) Choices: 5000	A, B, Z	Line Driver	5VDC		
171.02	E40H-□-(*)-6-L						
178.32	E40H-□-(*)-6-L						
184.58	E40H-□-(*)-6-L						
195.01	E40H-□-(*)-6-L						
278.46	E40H-□-(*)-6-L						

## Incremental Encoders

## Group K

Price	Model	Housing	Shaft	Pulse	Phase	Output	Power				
281.58	E80H30-(*)-3-T	Ø80 Body Hollow Shaft type	Ø30 Hollow Shaft	Pulse choices by grouping; (1), (2) Include the number of pulses in model number.	A, B, Z	Totem pole	5VDC or 12-24VDC				
350.43	E80H30-(*)-3-T					NPN Open Collector					
281.58	E80H30-(*)-3-N					Voltage					
350.43	E80H30-(*)-3-N				A, B, C Ā, B̄, Z̄	Line Driver	5VDC				
281.58	E80H30-(*)-3-V					A, B, Z	Totem pole	5VDC or 12-24VDC			
350.43	E80H30-(*)-3-V						NPN Open Collector				
286.80	E80H30-(*)-6-L		Voltage								
355.64	E80H30-(*)-6-L		Ø32 Hollow Shaft	Grouping (*) Choices: 60, 100, 360, 500, 512  Grouping (*) Choices: 1024	A, B, Z	Line Driver	5VDC				
281.58	E80H32-(*)-3-T					A, B, Z	Totem pole	5VDC or 12-24VDC			
350.43	E80H32-(*)-3-T						NPN Open Collector				
281.58	E80H32-(*)-3-N				Voltage						
350.43	E80H32-(*)-3-N				A, B, Z Ā, B̄, Z̄	Line Driver	5VDC				
281.58	E80H32-(*)-3-V					A, B, Z	Totem pole	5VDC or 12-24VDC			
350.43	E80H32-(*)-3-V		NPN Open Collector								
286.80	E80H32-(*)-6-L		Voltage								
355.64	E80H32-(*)-6-L		Ø100 Body	Ø35 Hollow Shaft	Grouping (*) Choices: 60, 100, 360, 500, 512, 1024  Grouping (*) Choices: 10000	A, B, Z	Totem pole	5VDC or 12-24VDC			
355.64	E100H35-(*)-3-T						NPN Open Collector				
527.76	E100H35-(*)-3-T						Voltage				
475.60	E100H35-(*)-3-N	A, B, Z Ā, B̄, Z̄				Line Driver	5VDC				
527.76	E100H35-(*)-3-N					A, B, Z	Totem pole	5VDC or 12-24VDC			
475.60	E100H35-(*)-3-V						NPN Open Collector				
527.76	E100H35-(*)-3-V	Voltage									
475.60	E100H35-(*)-6-L	Ø30 Body Shaft type	Ø4 Shaft	* Pulse Choices by grouping: (1), (2) - Use pulse # for model #  Grouping (*) Choices: 100, 200, 360, 500  Grouping (*) Choices: 1000, 1024  Grouping (*) Choices: 3000	A, B, Z	Totem pole	5VDC or 12-24VDC				
540.27	E100H35-(*)-6-L					NPN Open Collector					
107.39	E30S4-(*)-3-T					Voltage					
138.68	E30S4-(*)-3-T				A, B, Z Ā, B̄, Z̄	Line Driver	5VDC				
178.32	E30S4-(*)-3-T					A, B, Z	Totem pole	5VDC or 12-24VDC			
107.39	E30S4-(*)-3-N						NPN Open Collector				
138.68	E30S4-(*)-3-N	Voltage									
178.32	E30S4-(*)-3-N	A, B, Z	Line Driver	5VDC							
107.39	E30S4-(*)-3-V		A, B, Z	Totem pole	5VDC or 12-24VDC						
138.68	E30S4-(*)-3-V			NPN Open Collector							
178.32	E30S4-(*)-3-V	Voltage									
117.82	E30S4-(*)-3-6-L	Ø40 Body Shaft type	Ø6 Shaft	* Pulse Choices by grouping; (1), (2), (3), (4), - Use # pulse <b>Grouping (*)</b> <b>Choices:</b> 1, 2, 5, 10, 12, 15, 20, 23, 25, 30, 35, 40, 45, 50, 60, 75, 100, 120, 150, 192, 200, 240, 250, 256, 300 <b>Grouping (*) Choices;</b> 360, 400, 500, 512, 600, 800, 1000, 1024, 1200, 1500, 1800 <b>Grouping (*) Choices:</b> 2000, 2048, 2500, 3000, 3600 <b>Grouping (*) Choices:</b> 5000	A, B, Z	Totem pole	5VDC or 12-24VDC				
149.11	E30S4-(*)-3-6-L					NPN Open Collector					
149.11	E30S4-(*)-3-6-L					Voltage					
123.03	E40S6-(*)-3-T				Ø40 Body Shaft type	Ø6 Shaft	* Pulse Choices by grouping; (1), (2), (3), (4), - Use # pulse <b>Grouping (*)</b> <b>Choices:</b> 1, 2, 5, 10, 12, 15, 20, 23, 25, 30, 35, 40, 45, 50, 60, 75, 100, 120, 150, 192, 200, 240, 250, 256, 300 <b>Grouping (*) Choices;</b> 360, 400, 500, 512, 600, 800, 1000, 1024, 1200, 1500, 1800 <b>Grouping (*) Choices:</b> 2000, 2048, 2500, 3000, 3600 <b>Grouping (*) Choices:</b> 5000	A, B, Z Ā, B̄, Z̄	Line Driver	5VDC	
147.02	E40S6-(*)-3-T								A, B, Z	Totem pole	5VDC or 12-24VDC
161.63	E40S6-(*)-3-T									NPN Open Collector	
166.84	E40S6-(*)-3-T	Voltage									
123.03	E40S6-(*)-3-N	Ø40 Body Shaft type	Ø6 Shaft	* Pulse Choices by grouping; (1), (2), (3), (4), - Use # pulse <b>Grouping (*)</b> <b>Choices:</b> 1, 2, 5, 10, 12, 15, 20, 23, 25, 30, 35, 40, 45, 50, 60, 75, 100, 120, 150, 192, 200, 240, 250, 256, 300 <b>Grouping (*) Choices;</b> 360, 400, 500, 512, 600, 800, 1000, 1024, 1200, 1500, 1800 <b>Grouping (*) Choices:</b> 2000, 2048, 2500, 3000, 3600 <b>Grouping (*) Choices:</b> 5000				A, B, Z	Totem pole	5VDC or 12-24VDC	
147.02	E40S6-(*)-3-N								NPN Open Collector		
161.63	E40S6-(*)-3-N				Voltage						
166.84	E40S6-(*)-3-N				A, B, Z Ā, B̄, Z̄	Line Driver	5VDC				
123.03	E40S6-(*)-3-V					A, B, Z	Totem pole	5VDC or 12-24VDC			
147.02	E40S6-(*)-3-V						NPN Open Collector				
161.63	E40S6-(*)-3-V	Voltage									
166.84	E40S6-(*)-3-V	Ø40 Body Shaft type	Ø6 Shaft	* Pulse Choices by grouping; (1), (2), (3), (4), - Use # pulse <b>Grouping (*)</b> <b>Choices:</b> 1, 2, 5, 10, 12, 15, 20, 23, 25, 30, 35, 40, 45, 50, 60, 75, 100, 120, 150, 192, 200, 240, 250, 256, 300 <b>Grouping (*) Choices;</b> 360, 400, 500, 512, 600, 800, 1000, 1024, 1200, 1500, 1800 <b>Grouping (*) Choices:</b> 2000, 2048, 2500, 3000, 3600 <b>Grouping (*) Choices:</b> 5000	A, B, Z	Line Driver	5VDC				
147.02	E40S6-(*)-6-L					A, B, Z Ā, B̄, Z̄	Totem pole	5VDC or 12-24VDC			
161.63	E40S6-(*)-6-L						NPN Open Collector				
176.23	E40S6-(*)-6-L				Voltage						
236.73	E40S6-(*)-6-L				Ø40 Body Shaft type	Ø6 Shaft	* Pulse Choices by grouping; (1), (2), (3), (4), - Use # pulse <b>Grouping (*)</b> <b>Choices:</b> 1, 2, 5, 10, 12, 15, 20, 23, 25, 30, 35, 40, 45, 50, 60, 75, 100, 120, 150, 192, 200, 240, 250, 256, 300 <b>Grouping (*) Choices;</b> 360, 400, 500, 512, 600, 800, 1000, 1024, 1200, 1500, 1800 <b>Grouping (*) Choices:</b> 2000, 2048, 2500, 3000, 3600 <b>Grouping (*) Choices:</b> 5000	A, B, Z	Line Driver	5VDC	
147.02	E40S6-(*)-6-L								A, B, Z Ā, B̄, Z̄	Totem pole	5VDC or 12-24VDC
161.63	E40S6-(*)-6-L	NPN Open Collector									
176.23	E40S6-(*)-6-L	Voltage									
236.73	E40S6-(*)-6-L	Ø40 Body Shaft type	Ø6 Shaft	* Pulse Choices by grouping; (1), (2), (3), (4), - Use # pulse <b>Grouping (*)</b> <b>Choices:</b> 1, 2, 5, 10, 12, 15, 20, 23, 25, 30, 35, 40, 45, 50, 60, 75, 100, 120, 150, 192, 200, 240, 250, 256, 300 <b>Grouping (*) Choices;</b> 360, 400, 500, 512, 600, 800, 1000, 1024, 1200, 1500, 1800 <b>Grouping (*) Choices:</b> 2000, 2048, 2500, 3000, 3600 <b>Grouping (*) Choices:</b> 5000				A, B, Z	Line Driver	5VDC	
147.02	E40S6-(*)-6-L								A, B, Z Ā, B̄, Z̄	Totem pole	5VDC or 12-24VDC
161.63	E40S6-(*)-6-L				NPN Open Collector						
176.23	E40S6-(*)-6-L				Voltage						



**Incremental Encoders**

**Group K**

Price	Model	Housing	Shaft	Pulse	Phase	Output	Power		
145.98	ENA-(*1)-3-T	Ø50 Body Shaft type Side mounted	Ø10 Shaft	Grouping (*1) Choices: 1, 2, 5, 10, 12, 15, 20, 23, 25, 30, 35, 40, 45, 50, 60, 75,100, 120, 150, 192, 200, 240, 250, 256, 300, 360, 400, 500, 512, 600, 800	A, B, Z	Totem pole	5VDC or 12-24VDC		
163.71	ENA-(*2)-3-T								
177.27	ENA-(*3)-3-T								
187.71	ENA-(*4)-3-T					NPN Open Collector			
145.98	ENA-(*1)-3-N								
163.71	ENA-(*2)-3-N								
177.27	ENA-(*3)-3-N					Voltage			
187.71	ENA-(*4)-3-N								
145.98	ENA-(*1)-3-V								
163.71	ENA-(*2)-3-V								
177.27	ENA-(*3)-3-V	Voltage							
187.71	ENA-(*4)-3-V								
293.06	E68S15-1024-6-L	Ø68 Body Shaft type	Ø15 Shaft	1024	A, B, Z, <u>A</u> , <u>B</u> , <u>Z</u>	Line Driver	5VDC		
166.84	ENC-1-1-T	Wheel type	1mm/1pulse, 250mm wheel circum.(500Pulses)2:1 Gear		Totem pole	5VDC or 12-24VDC			
166.84	ENC-1-2-T		1Cm/1 pulse, 250mm wheel circum.(100Pulses)4:1 Gear						
166.84	ENC-1-3-T		1m/1 pulse, 250mm wheel circum.(1Pulses)4:1 Gear						
166.84	ENC-1-4-T		0.01yd/1 pulse, 0.25yd wheel circum.(100Pulses)4:1 Gear						
166.84	ENC-1-5-T		0.1yd/1 pulse, 0.25yd wheel circum.(10Pulses)4:1 Gear						
166.84	ENC-1-6-T		1yd/1 pulse, 0.25yd wheel circum.(1 Pulses)4:1 Gear						
166.84	ENC-1-1-N		1mm/1pulse, 250mm wheel circum.(500Pulses)2:1 Gear		NPN Open Collector				
166.84	ENC-1-2-N		1Cm/1 pulse, 250mm wheel circum.(100Pulses)4:1 Gear						
166.84	ENC-1-3-N		1m/1 pulse, 250mm wheel circum.(1Pulses)4:1 Gear						
166.84	ENC-1-4-N		0.01yd/1 pulse, 0.25yd wheel circum.(100Pulses)4:1 Gear						
166.84	ENC-1-5-N		0.1yd/1 pulse, 0.25yd wheel circum.(10Pulses)4:1 Gear						
166.84	ENC-1-6-N		1yd/1 pulse, 0.25yd wheel circum.(1 Pulses)4:1 Gear						
166.84	ENC-1-1-V		1mm/1pulse, 250mm wheel circum.(500Pulses)2:1 Gear		Voltage				
166.84	ENC-1-2-V		1Cm/1 pulse, 250mm wheel circum.(100Pulses)4:1 Gear						
166.84	ENC-1-3-V		1m/1 pulse, 250mm wheel circum.(1Pulses)4:1 Gear						
166.84	ENC-1-4-V		0.01yd/1 pulse, 0.25yd wheel circum.(100Pulses)4:1 Gear						
166.84	ENC-1-5-V		0.1yd/1 pulse, 0.25yd wheel circum.(10Pulses)4:1 Gear						
166.84	ENC-1-6-V		1yd/1 pulse, 0.25yd wheel circum.(1 Pulses)4:1 Gear						
176.23	ENH-25-1-T		Ø80 Handle type, Manual Pulse Generator	Ø80 Handle type	25 Pulse		A, B Phase	Totem pole Output	24VDC
176.23	ENH-25-2-T				100 Pulse				
176.23	ENH-100-1-T							25 Pulse	
176.23	ENH-100-2-T				100 Pulse				
176.23	ENH-25-1-V								
176.23	ENH-25-2-V								
176.23	ENH-100-1-V								
176.23	ENH-100-2-V								
183.53	ENH-25-1-L	25 Pulse			A, B, <u>A</u> , <u>B</u>	Line Driver	5VDC		
183.53	ENH-25-2-L								
183.53	ENH-100-1-L								
183.53	ENH-100-2-L								

**Absolute Encoders****Group K**

Price	Model	Housing	Shaft	Pulse	Output code	Output	Power
174.15	EP50S8-□-1-R1	Ø50 Body Shaft type	Ø8 Shaft	Model Name with -□- requires selection of Pulse. Available Pulse: 6,8,12,16,24,32, 40,45,64,90,128, 180,256,360, 512,720,1024	BCD, CW at shaft view	PNP	5VDC or 12-24VDC
174.15	EP50S8-□-1-R2					NPN	
174.15	EP50S8-□-1-F1				BCD, CCW at shaft view	PNP	
174.15	EP50S8-□-1-F2					NPN	
174.15	EP50S8-□-2-R1				BINARY, CW at shaft view	PNP	
174.15	EP50S8-□-2-R2					NPN	
174.15	EP50S8-□-2-F1				BINARY, CCW at shaft view	PNP	
174.15	EP50S8-□-2-F2					NPN	
174.15	EP50S8-□-3-R1				GRAY, CW at shaft view	PNP	
174.15	EP50S8-□-3-R2					NPN	
174.15	EP50S8-□-3-F1				GRAY, CCW at shaft view	PNP	
174.15	EP50S8-□-3-F2					NPN	
354.60	ENP-111F-006-1				Ø60 Body Shaft type	Ø10 Shaft	
354.60	ENP-101F-006-2	BCD Negative	NPN				
354.60	ENP-111R-006-1	BCD Positive	PNP				
354.60	ENP-101R-006-2	BCD Negative	NPN				
354.60	ENP-111F-008-1	8	BCD Positive	PNP			
354.60	ENP-101F-008-2		BCD Negative	NPN			
354.60	ENP-111R-008-1		BCD Positive	PNP			
354.60	ENP-101R-008-2		BCD Negative	NPN			
354.60	ENP-111F-012-1	12	BCD Positive	PNP			
354.60	ENP-101F-012-2		BCD Negative	NPN			
354.60	ENP-111R-012-1		BCD Positive	PNP			
354.60	ENP-101R-012-2		BCD Negative	NPN			
354.60	ENP-111F-016-1	16	BCD Positive	PNP			
354.60	ENP-101F-016-2		BCD Negative	NPN			
354.60	ENP-111R-016-1		BCD Positive	PNP			
354.60	ENP-101R-016-2		BCD Negative	NPN			
354.60	ENP-111F-024-1	24	BCD Positive	PNP			
354.60	ENP-101F-024-2		BCD Negative	NPN			
354.60	ENP-111R-024-1		BCD Positive	PNP			
354.60	ENP-101R-024-2		BCD Negative	NPN			
354.60	ENP-111F-360-1	360	BCD Positive	PNP			
354.60	ENP-101F-360-2		BCD Negative	NPN			
354.60	ENP-111R-360-1		BCD Positive	PNP			
354.60	ENP-101R-360-2		BCD Negative	NPN			

\* Model Name with -□ (ENP50) requires selection of Pulse.

\* Model Name with F - Forward, Clockwise (CW).

\* Model Name with R - Reverse, Counter Clockwise (CCW)

**Encoder Coupling****Group K**

Price	Model	Body Size	Shaft	Applied Model	Material
7.25	EC-1	20x15mm	6mm	E40S	
7.25	EC-2	19x25mm	8mm	ENB	
7.25	EC-3	25x22mm	10mm	ENA	

**5-Phase Stepping Motors****Group L**

Price	Model	Body Size	Torque (kgf.cm)	A / phase	Description
183.53	A02K-S523	□ 24 X L30.5	0.18	0.75A	Single shaft
190.84	A02K-S523W				Double shaft
197.09	A04K-S525	□ 24 X L46.5	0.28		Single shaft
204.40	A04K-S525W				Double shaft
155.37	A1K-S543	□ 42 X L33	1.30		Single shaft
161.63	A1K-S543W				Double shaft
181.45	A1K-S543-S				Single shaft / 10 wires
187.71	A1K-S543W-S				Double shaft/10 wires
166.84	A2K-S544	□ 42 X L39	1.80		Single shaft
173.10	A2K-S544W				Double shaft
192.92	A2K-S544-S				Single shaft / 10 wires
199.18	A2K-S544W-S				Double shaft/10 wires
166.84	A3K-S545	□ 42 X L47	2.40		Single shaft
173.10	A3K-S545W				Double shaft
192.92	A3K-S545-S				Single shaft / 10 wires
199.18	A3K-S545W-S				Double shaft/10 wires
166.84	A4K-M564	□ 60 X L48.5	4.20	1.4A	Single shaft
169.97	A4K-M564W				Double shaft
192.92	A4K-M564-S				Single shaft / 10 wires
196.05	A4K-M564W-S				Double shaft/10 wires
166.84	A4K-S564		0.75A	Single shaft	
169.97	A4K-S564W			Double shaft	
192.92	A4K-S564-S			Single shaft / 10 wires	
196.05	A4K-S564W-S			Double shaft/10 wires	
176.23	A8K-M566	□ 60 X L59.5	8.3	1.4A	Single shaft
178.32	A8K-M566W				Double shaft
202.31	A8K-M566-S				Single shaft / 10 wires
205.44	A8K-M566W-S		Double shaft/10 wires		
176.23	A8K-S566		0.75A	Single shaft	
178.32	A8K-S566W			Double shaft	
231.52	A16K-G569	□ 60 X L89	16.60	2.8A	Single shaft
234.65	A16K-G569W				Double shaft
257.59	A16K-G569-S				Single shaft / 10 wires
260.72	A16K-G569W-S				Double shaft/10 wires
231.52	A16K-M569		1.4A	Single shaft	
234.65	A16K-M569W			Double shaft	
257.59	A16K-M569-S			Single shaft / 10 wires	
260.72	A16K-M569W-S			Double shaft/10 wires	
382.77	A21K-G596	□ 85 X L68	21.00	2.8A	Single shaft
395.28	A21K-G596W				Double shaft
409.89	A21K-G596-S				Single shaft / 10 wires
421.36	A21K-G596W-S				Double shaft/10 wires
382.77	A21K-M596		1.4A	Single shaft	
395.28	A21K-M596W			Double shaft	
409.89	A21K-M596-S			Single shaft / 10 wires	
421.36	A21K-M596W-S			Double shaft/10 wires	

**5-Phase Stepping Motors****Group L**

Price	Model	Body Size	Torque (kgf.cm)	A / phase	Description
450.57	A41K-G599	□ 85 X L98	41.00	2.8A	Single shaft
462.04	A41K-G599W				Double shaft
470.39	A41K-G599-S				Single shaft / 10 wires
482.90	A41K-G599W-S				Double shaft/10 wires
450.57	A41K-M599			1.4A	Single shaft
462.04	A41K-M599W				Double shaft
470.39	A41K-M599-S				Single shaft / 10 wires
482.90	A41K-M599W-S				Double shaft/10 wires
561.14	A63K-G5913	□ 85 X L128	63.00	2.8A	Single shaft
570.52	A63K-G5913W				Double shaft
582.00	A63K-G5913-S				Single shaft / 10 wires
593.47	A63K-G5913W-S				Double shaft/10 wires
561.14	A63K-M5913			1.4A	Single shaft
570.52	A63K-M5913W				Double shaft
582.00	A63K-M5913-S				Single shaft / 10 wires
593.47	A63K-M5913W-S				Double shaft/10 wires

**5-Phase Stepping Motor (Hollow shaft type)****Group L**

Price	Model	Body Size	Torque (kgf.cm)	A / phase	Description
263.85	AH1K-S543	□ 42 X L33	1.3	0.75A	Hollow Shaft
278.46	AH2K-S544	□ 42 X L39	1.8		Hollow Shaft
293.06	AH3K-S545	□ 42 X L47	2.4		Hollow Shaft
295.15	AH4K-M564	□ 60 X L48.5	4.2	1.4A	Hollow Shaft
301.40	AH4K-M564W			Double Hollow Shaft	
295.15	AH4K-S564			0.75A	Hollow Shaft
301.40	AH4K-S564W			Double Hollow Shaft	
304.53	AH8K-M566	□ 60 X L59.5	8.3	1.4A	Hollow Shaft
307.66	AH8K-M566W			Double Hollow Shaft	
304.53	AH8K-S566			0.75A	Hollow Shaft
307.66	AH8K-S566W			Double Hollow Shaft	
353.56	AH16K-G569	□ 60 X L89	16.60	2.8A	Hollow Shaft
359.82	AH16K-G569W			Double Hollow Shaft	
353.56	AH16K-M569			1.4A	Hollow Shaft
359.82	AH16K-M569W			Double Hollow Shaft	
-	AH21K-M569	□ 85 X L68	21.00	1.4A	Hollow Shaft
-	AH21K-M569W			Double Hollow Shaft	
-	AH21K-G569			2.8A	Hollow Shaft
-	AH21K-G569W			Double Hollow Shaft	
643.54	AH41K-M599	□ 85 X L98	41.00	1.4A	Hollow Shaft
645.63	AH41K-M599W			Double Hollow Shaft	
643.54	AH41K-G599			2.8A	Hollow Shaft
645.63	AH41K-G599W			Double Hollow Shaft	
-	AH63K-M5913	□ 85 X L128	63.00	1.4A	Hollow Shaft
-	AH63K-M5913W			Double Hollow Shaft	
-	AH63K-G5913			2.8A	Hollow Shaft
-	AH63K-G5913W			Double Hollow Shaft	

**5-Phase Stepping Motor(BRAKE type)****Group L**

Price	Model	Body Size	Torque (kgf.cm)	A / phase	Description
307.66	A4K-S564-B	□ 60 X L90	4.2	0.75A	Single shaft
307.66	A4K-M564-B			1.4A	Single shaft
316.01	A8K-S566-B		8.3	0.75A	Single shaft
316.01	A8K-M566-B			1.4A	Single shaft
371.29	A16K-M569-B		16.6	1.4A	Single shaft
371.29	A16K-G569-B			2.8A	Single shaft
558.01	A21K-M596-B	□ 85 X L105	21.00	1.4A	Single shaft
585.13	A21K-M596-SB				Single shaft / 10 wires
558.01	A21K-G596-B			2.8A	Single shaft
585.13	A21K-G596-SB				Single shaft / 10 wires
625.81	A41K-G599-B	□ 85 X L98	41.00	2.8A	Single shaft
645.63	A41K-G599-SB				Single shaft / 10 wires
625.81	A41K-M599-B			1.4A	Single shaft
645.63	A41K-M599-SB				Single shaft / 10 wires
736.38	A63K-G5913-B	□ 85 X L135	63.00	2.8A	Single shaft
757.24	A63K-G5913-SB				Single shaft / 10 wires
736.38	A63K-M5913-B			1.4A	Single shaft
757.24	A63K-M5913-SB				Single shaft / 10 wires

**5-Phase Stepping Motor (Geared type)****Group L**

Price	Model	Body Size	Torque (kgf.cm)	A / phase	Moderating ratio
450.57	A35K-M566-G5	□ 60 X L59.5	35	1.4A	1:5
458.91	A35K-M566W-G5				
450.57	A40K-M566-G7.2				40
458.91	A40K-M566W-G7.2				
450.57	A50K-M566-G10		50		1:10
458.91	A50K-M566W-G10				
689.44	A140K-M599-G5	□ 85 X L98	140	2.8A	1:5
704.04	A140K-M599W-G5				
689.44	A140K-G599-G5				
704.04	A140K-G599W-G5		200	1.4A	1:7.2
689.44	A200K-M599-G7.2				
704.04	A200K-M599W-G7.2				
689.44	A200K-G599-G7.2	200	2.8A	1:10	
704.04	A200K-G599W-G7.2				
689.44	A200K-M599-G10				
704.04	A200K-M599W-G10	200	1.4A	1:10	
689.44	A200K-G599-G10				
704.04	A200K-G599W-G10	200	2.8A	1:10	
704.04	A200K-M599W-G10				

**5-Phase Stepping Motor (Rotary Actuator + Brake type)****Group L**

Price	Model	Body Size	Torque (kgf.cm)	A / phase	Description
512.11	A35K-M566-R5	□60 X L107	35	1.4A	1:5 with Actuator
520.45	A35K-M566W-R5				
512.11	A40K-M566-R7.2				40
520.45	A40K-M566W-R7.2				
512.11	A50K-M566-R10		50		
520.45	A50K-M566W-R10				
585.13	A35K-M566-RB5	□60 X L148.5		35	1:5, Actuator & Brake
585.13	A40K-M566-RB7.2		40	1:7.2, Actuator & Brake	
585.13	A50K-M566W-RB10		50	1:10, Actuator & Brake	

**5-Phase Stepping Motor (Brake + Geared type)****Group L**

Price	Model	Body Size	Torque (kgf.cm)	A / phase	Description
517.33	A35K-M566-GB5	□60 X L146	35	1.4A	1:5 Geared with Brake
517.33	A40K-M566-GB7.2		40		1:7.2 Geared with Brake
517.33	A50K-M566-GB10		50		1:10 Geared with Brake

**Stepping Motor Drivers****Group L**

Price	Model	Driving Current	Step	Pulse Frequency	Power
345.21	KR-5MC	1.4A	Full / Half	50kpps	20-40VDC3A
435.96	KR-55MC		Micro step	500kpps	
783.32	KR-505G	2.8A	Full / Half	50kpps	100-115VAC350VA
582.00	MD5-MF14	1.4A	Micro step	500kpps	100 - 240VAC, 330VA

**Programmable Motion Controller****Group L**

Price	Model	Axis Control	Interface	Step	Power
345.21	PMC-1S-232	1	RS232C	32 step	24VDC
345.21	PMC-1S-485	1	RS485		
382.77	PMC-1S-USB	1	USB		
1,057.65	PMC-2B-ISA	2	ISA BUS	-	5VDC
1,586.50	PMC-4B-PCI	4	8/16 Bit	-	
476.64	PMC-1HS-232	1	RS232C	64 step	24VDC
-	PMC-1HS-485	1	RS485		
502.72	PMC-1HS-USB	1	USB		
555.92	PMC-2HS-232	2	RS232C		
-	PMC-2HS-485	2	RS485		
643.54	PMC-2HS-USB	2	USB		
701.95	PMD-1MS-232	1	RS232C	32 step	24VDC
701.95	PMD-1MS-485	1	RS485		
745.76	PMD-1MS-USB	1	USB		
199.18	PMC-2TU-232	Teaching Unit			

**Rotating Signal Light****Group M**

Price	Model	Function	Power Voltage	Products
37.98	MLG-24-□	Rotating	No pole type, 24VDC	Dome type Signal Light 66mm Available color : R, Y, G, B
32.22	MLGF-24-□	Flash	*12VDC Option(Non-Inventory)	
57.57	MLP-24-□	Rotating	Pole type, 24VDC	
51.81	MLPF-24-□	Flash	*12VDC Option(Non-Inventory)	
44.89	MLG-110-□	Rotating	No pole type, 110VAC	
42.59	MLGF-110-□	Flash	*220VAC Option(Non-Inventory)	
51.81	MLGS-110-□	Strobe		
64.49	MLP-110-□	Rotating	Pole type, 110VAC	
62.18	MLPF-110-□	Flash	*220VAC Option(Non-Inventory)	
71.41	MLPS-110-□	Strobe		
43.74	ASG-24-□	Rotating	No pole type, 24VDC	Dome type Signal Light 86mm, Available color : R, Y, G, B
58.73	ASGB-24-□	Buzzer	*12VDC Option(Non-Inventory)	
37.98	ASGF-24-□	Flash		
50.66	ASG-110-□	Rotating	No pole type, 110VAC	Dome type Signal Light 86mm Available color : R, Y, G, B
65.64	ASGB-110-□	Buzzer	*220VAC Option(Non-Inventory)	
47.20	ASGF-110-□	Flash		
59.88	ASGS-110-□	Strobe		
66.79	AVG-110-□	Rotating	110VAC	Rotating type 135mm Available color : R, Y, G, B
82.93	AVGB-110-□	Buzzer	*220VAC Option(Non-Inventory)	
61.03	AVG-24-□	Rotating	24VDC	
76.02	AVGB-24-□	Buzzer	*12VDC Option(Non-Inventory)	
191.28	MSGS-110-1-□	Rotating & Sound type	110VAC *220VAC Option(Non-Inventory)	Rotating type 125mm Available color : R, Y, G, B, C
260.44	MSGS-110-2-□□			
329.59	MSGS-110-3-□□□			
398.75	MSGS-110-4-□□□□			
467.91	MSGS-110-5-□□□□□			
191.28	MSGS-24-1-□		24VDC *12VDC Option(Non-Inventory)	
260.44	MSGS-24-2-□□			
329.59	MSGS-24-3-□□□			
398.75	MSGS-24-4-□□□□			
467.91	MSGS-24-5-□□□□□			

**Rotating Signal Light Accessories****Group M**

Price	Model	Function	Description	Products
3.00	MAB-T15-S-012-25	Incandscant Bulbs	12V 25W, Single contact	(AVG/MSGS)
3.00	MAB-T15-S-024-25		24V 25W, Single contact	
3.00	MAB-T15-S-130-25		130V 25W, Single contact	
3.00	MAB-T15-S-220-25		22V 25W, Single contact	
6.86	Lens-MLG-(R,Y,G,B, W)	Lenses	MLG/P Lens	R : Red Color Y : Yellow Color G : Green Color B : Blue Color W : Clear Color
6.86	Lens-MLGF/S-(R,Y,G,B,W)		MLGF/S Lens	
8.01	Lens-ASG-(R,Y,G,B,W)		ASG Lens	
8.01	Lens-ASGF/S-(R,Y,G,B,W)		ASGF/S Lens	
10.32	Lens-AVG-(R,Y,G,B,W)		AVG Lens	
18.38	Lens-MSGS-(R,Y,G,B,W)		MSGS Lens	
5.71	MAM-DS23	Pole/Brackets	MLG, ASG - Base Bracket (Aluminium)	
3.23	MAM-DS24		MLP series - Pole Adaptor	
6.11	MAM-DS26		Wall mount for ML/AS series	
20.29	MAM-DS27		Wall mount for AVG series	

**Tower Light - Incandescent - MT Series**

Price	Model	Function	Power Voltage*	Products
26.45	MT4B1 □ L - □	Steady Lead Out 45mm	1 Stack-Specify Voltage&Lens Color	First □ = Voltage A - 24VAC/DC B - 110VAC C - 220VAC D - 12VAC/DC  Secound □ = Color B - Blue C - Clear G - Green R - Red Y - Yellow
33.37	MT4B2 □ L - □		2 Stack-Specify Voltage&Lens Color	
40.28	MT4B3 □ L - □		3 Stack-Specify Voltage&Lens Color	
47.20	MT4B4 □ L - □		4 Stack-Specify Voltage&Lens Color	
54.12	MT4B5 □ L - □		5 Stack-Specify Voltage&Lens Color	
40.28	MT5B1 □ L - □	Steady Lead Out 56mm	1 Stack-Specify Voltage&Lens Color	
48.35	MT5B2 □ L - □		2 Stack-Specify Voltage&Lens Color	
56.42	MT5B3 □ L - □		3 Stack-Specify Voltage&Lens Color	
64.49	MT5B4 □ L - □		4 Stack-Specify Voltage&Lens Color	
73.71	MT5B5 □ L - □		5 Stack-Specify Voltage&Lens Color	
66.79	MT8B1 □ L - □	Steady Lead Out 85mm	1 Stack-Specify Voltage&Lens Color	
82.93	MT8B2 □ L - □		2 Stack-Specify Voltage&Lens Color	
99.07	MT8B3 □ L - □		3 Stack-Specify Voltage&Lens Color	
115.21	MT8B4 □ L - □		4 Stack-Specify Voltage&Lens Color	
131.34	MT8B5 □ L - □		5 Stack-Specify Voltage&Lens Color	
48.35	MT5C1 □ L - □	Steady/Flash Lead Out 56mm	1 Stack-Specify Voltage&Lens Color	
58.73	MT5C2 □ L - □		2 Stack-Specify Voltage&Lens Color	
69.10	MT5C3 □ L - □		3 Stack-Specify Voltage&Lens Color	
79.47	MT5C4 □ L - □		4 Stack-Specify Voltage&Lens Color	
89.85	MT5C5 □ L - □		5 Stack-Specify Voltage&Lens Color	
80.63	MT8C1 □ L - □	Steady/Flash Lead Out 85mm	1 Stack-Specify Voltage&Lens Color	
97.92	MT8C2 □ L - □		2 Stack-Specify Voltage&Lens Color	
115.21	MT8C3 □ L - □		3 Stack-Specify Voltage&Lens Color	
132.49	MT8C4 □ L - □		4 Stack-Specify Voltage&Lens Color	
149.78	MT8C5 □ L - □		5 Stack-Specify Voltage&Lens Color	
73.71	MT5C1 □ T - □	Steady/Flash Terminal 56mm	1 Stack-Specify Voltage&Lens Color	
84.08	MT5C2 □ T - □		2 Stack-Specify Voltage&Lens Color	
94.46	MT5C3 □ T - □		3 Stack-Specify Voltage&Lens Color	
104.83	MT5C4 □ T - □		4 Stack-Specify Voltage&Lens Color	
115.21	MT5C5 □ T - □		5 Stack-Specify Voltage&Lens Color	
96.76	MT8C1 □ T - □	Steady/Flash Terminal 56mm	1 Stack-Specify Voltage&Lens Color	
114.05	MT8C2 □ T - □		2 Stack-Specify Voltage&Lens Color	
131.34	MT8C3 □ T - □		3 Stack-Specify Voltage&Lens Color	
148.63	MT8C4 □ T - □		4 Stack-Specify Voltage&Lens Color	
165.92	MT8C5 □ T - □		5 Stack-Specify Voltage&Lens Color	

**Tower Light - Incandescent - MT Series - Accessories****Group M**

Price	Model	Function	Description
3.80	MAL-4B	LENS 45mm	Blue
3.80	MAL-4C		Clear
3.80	MAL-4G		Green
3.80	MAL-4R		Red
3.80	MAL-4Y		Yellow
5.53	MAL-5B	LENS 56mm	Blue
5.53	MAL-5C		Clear
5.53	MAL-5G		Green
5.53	MAL-5R		Red
5.53	MAL-5Y		Yellow
9.22	MAL-8B	LENS 85mm	Blue
9.22	MAL-8C		Clear
9.22	MAL-8G		Green
9.22	MAL-8R		Red
9.22	MAL-8Y		Yellow

**Tower Light - Incandescent - MT Series - Accessories****Group M**

Price	Model	Function	Description
22.99	MPZ-56A	Buzzer Kit for MT5C	24VDC; Use with MT5C □ A type
22.99	MPZ-56B		120VAC; Use with MT5C □ B type
22.99	MPZ-56C		240VAC; Use with MT5C □ C type
28.76	MPZ-85A	Buzzer Kit for MT8C	24VDC; Use with MT8C □ A type
28.76	MPZ-85B		120VAC; Use with MT8C □ B type
28.76	MPZ-85C		240VAC; Use with MT8C □ C type
12.68	MAP-M240	Poles	Pole - 20x240mm with 2xM20 nuts & washers
6.22	MAP-M043		Pole - 20x43mm with 1xM20 nut & washer
4.38	MAP-N033		Pole - 20x33mm, 1/2 NPT
7.49	MAP-0240		Pole - 20x240mm (Need Base - MAM-B070 or MAM-B090)
1.90	MAP-0022		Pole - 20x38mm (Need Base -MAM-B070 or MAM-B090)
2.19	MAM-B070	Mountings	Base Mounting for MT4 and MT5 series
3.46	MAM-B090		Base Mounting for MT8 series
4.61	MAM-DS25		Wall mount bracket for MAP-M240 & MAP-M043
6.92	MAM-DS28		Wall mount for MAM-B070 & MAM-B090
1.73	MAB-T09-S-012-05	Bulb (MT4 type)	Bulb, 9mm single base, 12 volt, 5 watt
1.73	MAB-T09-S-024-05		Bulb, 9mm single base, 24 volt, 5 watt
1.73	MAB-T09-S-120-05		Bulb, 9mm single base, 120 volt, 5 watt
1.73	MAB-T09-S-240-05		Bulb, 9mm single base, 240 volt, 5 watt
1.73	MAB-T15-S-012-05	Bulb (MT4 type)	Bulb, 15mm single base, 12 volt, 5 watt
1.73	MAB-T15-S-012-08		Bulb, 15mm single base, 12 volt, 8 watt
1.73	MAB-T15-S-024-08		Bulb, 15mm single base, 24 volt, 8 watt
1.73	MAB-T15-S-130-08		Bulb, 15mm single base, 130 volt, 8 watt
1.73	MAB-T15-S-240-08	Bulb, 15mm single base, 240 volt, 8 watt	
1.73	MAB-T15-D-012-10	Bulb (MT5/MT8 type)	Bulb, 15mm double base, 12 volt, 10 watt
3.00	MAB-T15-D-012-25		Bulb, 15mm double base, 12 volt, 25 watt
1.73	MAB-T15-D-024-10		Bulb, 15mm double base, 24 volt, 10 watt
3.00	MAB-T15-D-024-25		Bulb, 15mm double base, 24 volt, 25 watt
1.73	MAB-T15-D-120-10		Bulb, 15mm double base, 120 volt, 10 watt
3.00	MAB-T15-D-130-25		Bulb, 15mm double base, 130 volt, 25 watt
1.73	MAB-T15-D-240-10		Bulb, 15mm double base, 240 volt, 10 watt

**Tower Light - LED - PME/PRE Series**

**Group M**

Price	Model	Function	Power Voltage	Products
74.86	PAEMG-102 - R	Steady 25mm	1 Stack - 24VAC/DC - R	Available Colors B - Blue C - Clear G - Green R - Red Y - Yellow Any Changes to Color Scheme - Changes List Price
102.53	PAEMG-202 - RG		2 Stack - 24VAC/DC - R, G	
120.97	PAEMG-302 - RYG		3 Stack -24VAC/DC - R, Y, G	
139.41	PAEMG-402 - RYGB		4 Stack - 24VAC/DC - R,Y,G,B	
157.85	PAEMG-502 - RYGBC		5 Stack - 24VAC/DC - R,Y,G,B,C	
79.47	PAEMP-102 - R	Steady 25mm	1 Stack - 24VAC/DC - R	
107.14	PAEMP-202 - RG		2 Stack - 24VAC/DC - R, G	
125.58	PAEMP-302 - RYG		3 Stack -24VAC/DC - R, Y, G	
144.02	PAEMP-402 - RYGB		4 Stack - 24VAC/DC - R,Y,G,B	
162.46	PAEMP-502 - RYGBC		5 Stack - 24VAC/DC - R,Y,G,B,C	
79.47	PAEFGM-102 - R	Flash 25mm	1 Stack - 24VAC/DC - R	
107.14	PAFEMG-202 - RG		2 Stack - 24VAC/DC - R, G	
125.58	PAEFGM-302 - RYG		3 Stack -24VAC/DC - R, Y, G	
144.02	PAEFGM-402 - RYGB		4 Stack - 24VAC/DC - R,Y,G,B	
162.46	PAEFGM-502 - RYGBC		5 Stack - 24VAC/DC - R,Y,G,B,C	
84.08	PAEFMP-102 - R	Flash 25mm	1 Stack - 24VAC/DC - R	
111.75	PAFEMP-202 - RG		2 Stack - 24VAC/DC - R, G	
130.19	PAEFMP-302 - RYG		3 Stack -24VAC/DC - R, Y, G	
148.63	PAEFMP-402 - RYGB		4 Stack - 24VAC/DC - R,Y,G,B	
167.07	PAEFMP-502 - RYGBC		5 Stack - 24VAC/DC - R,Y,G,B,C	
67.95	PME-101 - R	Steady 45mm	1 Stack - 12VAC/DC - R	
102.53	PME-201 - RG		2 Stack - 12VAC/DC - R, G	
124.43	PME-301 - RYG		3 Stack -12VAC/DC - R, Y, G	
159.01	PME-401 - RYGB		4 Stack - 12VAC/DC - R,Y,G,B	
188.97	PME-501 - RYGBC		5 Stack - 12VAC/DC - R,Y,G,B,C	
67.95	PME-102 - R		1 Stack - 24VAC/DC - R	
102.53	PME-202 - RG		2 Stack - 24VAC/DC - R, G	
124.43	PME-302 - RYG		3 Stack -24VAC/DC - R, Y, G	
159.01	PME-402 - RYGB		4 Stack - 24VAC/DC - R,Y,G,B	
188.97	PME-502 - RYGBC		5 Stack - 24VAC/DC - R,Y,G,B,C	
78.32	PME-110 - R		1 Stack - 100-240VAC - R	
112.90	PME-210 - RG		2 Stack - 100-240VAC - R, G	
134.80	PME-310 - RYG		3 Stack -100-240VAC - R, Y, G	
169.38	PME-410 - RYGB		4 Stack - 100-240VAC - R,Y,G,B	
199.35	PME-510 - RYGBC		5 Stack - 100-240VAC - R,Y,G,B,C	
79.47	PMEF-101 - R	Steady/Flash 45mm	1 Stack - 12VAC/DC - R	
114.05	PMEF-201 - RG		2 Stack - 12VAC/DC - R, G	
135.95	PMEF-301 - RYG		3 Stack -12VAC/DC - R, Y, G	
170.53	PMEF-401 - RYGB		4 Stack - 12VAC/DC - R,Y,G,B	
200.50	PMEF-501 - RYGBC		5 Stack - 12VAC/DC - R,Y,G,B,C	
79.47	PMEF-102 - R		1 Stack - 24VAC/DC - R	
114.05	PMEF-202 - RG		2 Stack - 24VAC/DC - R, G	
135.95	PMEF-302 - RYG		3 Stack -24VAC/DC - R, Y, G	
170.53	PMEF-402 - RYGB		4 Stack - 24VAC/DC - R,Y,G,B	
200.50	PMEF-502 - RYGBC		5 Stack - 24VAC/DC - R,Y,G,B,C	
89.85	PMEF-110 - R		1 Stack - 100-240VAC - R	
124.43	PMEF-210 - RG		2 Stack - 100-240VAC - R, G	
146.33	PMEF-310 - RYG		3 Stack -100-240VAC - R, Y, G	
180.91	PMEF-410 - RYGB		4 Stack - 100-240VAC - R,Y,G,B	
210.87	PMEF-510 - RYGBC		5 Stack - 100-240VAC - R,Y,G,B,C	
72.56	PRE-101 - R	Steady 56mm	1 Stack - 12VAC/DC - R	
109.44	PRE-201 - RG		2 Stack - 12VAC/DC - R, G	
142.87	PRE-301 - RYG		3 Stack -12VAC/DC - R, Y, G	
188.97	PRE-401 - RYGB		4 Stack - 12VAC/DC - R,Y,G,B	
235.08	PRE-501 - RYGBC		5 Stack - 12VAC/DC - R,Y,G,B,C	
72.56	PRE-102 - R		1 Stack - 24VAC/DC - R	
109.44	PRE-202 - RG		2 Stack - 24VAC/DC - R, G	
142.87	PRE-302 - RYG		3 Stack -24VAC/DC - R, Y, G	
188.97	PRE-402 - RYGB		4 Stack - 24VAC/DC - R,Y,G,B	
235.08	PRE-502 - RYGBC		5 Stack - 24VAC/DC - R,Y,G,B,C	

**Tower Light - LED - PME/PRE Series****Group M**

Price	Model	Function	Power Voltage	Products
77.17	PRE-110 - R	Steady 56mm	1 Stack - 120VAC - R	Available Colors B - Blue C - Clear G - Green R - Red Y - Yellow Any Changes to Color Scheme - Changes List Price
114.05	PRE-210 - RG		2 Stack - 120VAC - R, G	
147.48	PRE-310 - RYG		3 Stack -120VAC - R, Y, G	
193.58	PRE-410 - RYGB		4 Stack - 120VAC - R,Y,G,B	
239.69	PRE-510 - RYGBC		5 Stack - 120VAC - R,Y,G,B,C	
77.17	PRE-120 - R		1 Stack - 240VAC/DC - R	
114.05	PRE-220 - RG		2 Stack - 240VAC/DC - R, G	
147.48	PRE-320 - RYG		3 Stack -240VAC/DC - R, Y, G	
193.58	PRE-420 - RYGB		4 Stack - 240VAC/DC - R,Y,G,B	
239.69	PRE-520 - RYGBC		5 Stack - 240VAC/DC - R,Y,G,B,C	
82.93	PREF-101 - R	Steady/Flash 56mm	1 Stack - 12VAC/DC - R	
119.82	PREF-201 - RG		2 Stack - 12VAC/DC - R, G	
153.24	PREF-301 - RYG		3 Stack -12VAC/DC - R, Y, G	
199.35	PREF-401 - RYGB		4 Stack - 12VAC/DC - R,Y,G,B	
245.45	PREF-501 - RYGBC		5 Stack - 12VAC/DC - R,Y,G,B,C	
82.93	PREF-102 - R		1 Stack - 24VAC/DC - R	
119.82	PREF-202 - RG		2 Stack - 24VAC/DC - R, G	
153.24	PREF-302 - RYG		3 Stack -24VAC/DC - R, Y, G	
199.35	PREF-402 - RYGB		4 Stack - 24VAC/DC - R,Y,G,B	
245.45	PREF-502 - RYGBC		5 Stack - 24VAC/DC - R,Y,G,B,C	
87.54	PREF-110 - R	Steady/Flash 56mm	1 Stack - 120VAC - R	
124.43	PREF-210 - RG		2 Stack - 120VAC - R, G	
157.85	PREF-310 - RYG		3 Stack -120VAC - R, Y, G	
203.96	PREF-410 - RYGB		4 Stack - 120VAC - R,Y,G,B	
250.06	PREF-510 - RYGBC		5 Stack - 120VAC - R,Y,G,B,C	
87.54	PREF-120 - R		1 Stack - 240VAC/DC - R	
124.43	PREF-220 - RG		2 Stack - 240VAC/DC - R, G	
157.85	PREF-320 - RYG		3 Stack -240VAC/DC - R, Y, G	
203.96	PREF-420 - RYGB		4 Stack - 240VAC/DC - R,Y,G,B	
250.06	PREF-520 - RYGBC		5 Stack - 240VAC/DC - R,Y,G,B,C	

**Tower Light - LED - PME/PRE Series - Accessories****Group M**

Price	Model	Function	Description
3.69	PML-4B	LENS 45mm (PME Series)	Blue
3.69	PML-4C		Clear
3.69	PML-4G		Green
3.69	PML-4R		Red
3.69	PML-4Y		Yellow
5.47	PEL-5B	LENS 56mm (PRE Series)	Blue
5.47	PEL-5C		Clear
5.47	PEL-5G		Green
5.47	PEL-5R		Red
5.47	PEL-5Y		Yellow
34.52	PMELED-4B	LED Module 45mm (PME Series)	Blue
34.52	PMELED-4C		Clear
34.52	PMELED-4G		Green
16.08	PMELED-4R		Red
16.08	PMELED-4Y		Yellow
46.05	PRELED-5B	LED Module 56mm (PRE Series)	Blue
46.05	PRELED-5C		Clear
36.83	PRELED-5G		Green
33.37	PRELED-5R		Red
33.37	PRELED-5Y		Yellow

## Tower Light - LED - PME/PRE Series - Accessories

## Group M

Price	Model	Function	Description
22.99	MPZ-56E	Buzzer	Buzzer kit for PRE 56mm light
12.68	MAP-M240	Poles	Pole - 20x240mm with 2xM20 nuts & washers
6.22	MAP-M043		Pole - 20x43mm with 1xM20 nut & washer
4.38	MAP-N033		Pole - 20x33mm, 1/2 NPT
7.49	MAP-0240		Pole - 20x240mm
1.90	MAP-0022		Pole - 20x38mm
2.19	MAM-B070	Mountings	Base Mounting for PME & PRE series
4.61	MAM-DS25		Wall mount bracket for MAP-M240 & MAP-M043
6.92	MAM-DS28		Wall mount for MAM-B070



## 22/25mm Push button switch

## Group N

Price	Model	Head Type & Color	Contact	Power / Rated	Function
6.26	MC2-PR-A	Red	1 (NO)	110VAC/10A, 220VAC/5A	Momentary Push Button Switch
6.26	MC2-PY-A	Yellow	1 (NO)		
6.26	MC2-PG-A	Green	1 (NO)		
6.26	MC2-PB-A	Blue	1 (NO)		
14.60	MC2-LPR-AD	Red	1 (NO)	12-30VAC/DC	LED Illuminated Pilot Push Button
14.60	MC2-LPY-AD	Yellow	1 (NO)		
14.60	MC2-LPG-AD	Green	1 (NO)		
14.60	MC2-LPB-AD	Blue	1 (NO)		
14.60	MC2-LPW-AD	White	1 (NO)		
15.65	MC2-LPR-AL	Red	1 (NO)	110VAC/10A, 220VAC/5A	
15.65	MC2-LPY-AL	Yellow	1 (NO)		
15.65	MC2-LPG-AL	Green	1 (NO)		
15.65	MC2-LPB-AL	Blue	1 (NO)		
15.65	MC2-LPW-AL	White	1 (NO)		
8.34	MC2-SSW2-A	Short handle (White)	1 (NO)	110VAC/10A, 220VAC/5A	Selector Switch
8.34	MC2-SLW2-A	Long handle (White)	1 (NO)		
11.47	MC2-SSW3-AA	Short handle (White)	2 (NO)		
11.47	MC2-SLW3-AA	Long handle (White)	2 (NO)		
9.39	MC2-ESR-B	Φ40-S TYPE	1 (NC)	110VAC/10A, 220VAC/5A	Emergency Switch
10.43	MC2-ELR-B	Φ60-L TYPE	1 (NC)		
11.47	MC2-PIX R-D	Red		12-30VAC/DC	LED Illuminated Pilot Lamp
11.47	MC2-PIX Y-D	Yellow			
11.47	MC2-PIX G-D	Green			
11.47	MC2-PIX B-D	Blue			
11.47	MC2-PIX W-D	White			
12.00	MC2-PIX R-L	Red		100-220VAC	
12.00	MC2-PIX Y-L	Yellow			
12.00	MC2-PIX G-L	Green			
12.00	MC2-PIX B-L	Blue			
12.00	MC2-PIX W-L	White			
29.73	MC2-IO-AA	Red/Green	1 (NO)	12-30VAC/DC	LED Illuminated 2-Stack Switch
30.77	MC2-IO-AA	Red/Green	1 (NO)	100-220VAC	
17.73	MC2-BZ-DA	DC(12/24)		12-30VAC/DC	Buzzer
-	MC2-BZ-AA	AC(110/220)		100-220VAC	
3.13	MC22-UA	Contact A	1 (NO)	110VAC/10A, 220VAC/5A	Contacts
3.13	MC22-UB	Contact B	1 (NC)		
9.39	MC22-LWD	LED Contact A	1 (NO)	12-30VAC/DC	
10.43	MC22-LWA	LED Contact A	1 (NO)	100-220VAC	
12.52	MC2-FP	Push type			
12.52	MC2-FL	Pilot type			Flush Holder
2.09	MP-25-S	Φ60			Name Plate
3.13	MP-25-L	Φ90			
1.56	MW-25P	Push type			Water Proof CAP
1.56	MW-25L	Pilot type			
3.13	MC2-P100				Joint Handle