

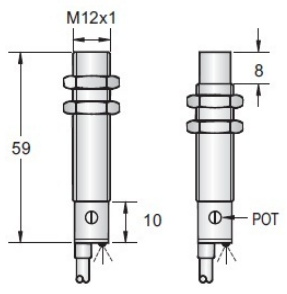
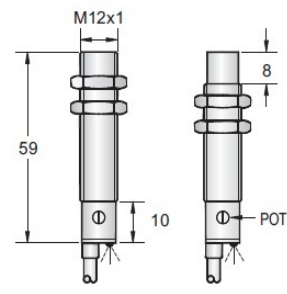


DC CAPACITIVE PROXIMITY SWITCH(M12)

Diameter	M12			M12				
Shielded/non-Shielded	Shielded/ Non-Shielded			Shielded/ Non-Shielded				
Switching Distance Sn mm	1-6mm adjustable / 1-8mm adjustable			1-6mm adjustable / 1-8mm adjustable				
Housing Material	nickel palated brass			PBT RESIN				
With LED/Without LED	With LED			With LED				
Picture								
Operating Voltage	10-30VDC			10-30VDC				
Ripple	<10%			<10%				
No Load Current	<10MA			<10MA				
Max. Load Current	200mA			200mA				
Leakge Current	<0.01mA			<0.01mA				
Voltage Drop	< 2VDC			< 2VDC				
Switching Frequency	50HZ			50HZ				
Switching Hysteresis	<15%(sr)			<15%(sr)				
Repeat Accuracy	<5%(sr)			<5%(sr)				
Protection Category	IP67			IP67				
Operating Temperature	-25 °C - +70 °C			-25 °C - +70 °C				
Temperature Drift	<10%(sr)			<10%(sr)				
Short Circuit Protection	YES			YES				
Overload Trip Point	220mA			220mA				
Material Active Face	POM			PBT				
DC 3 wire 10-30V NPN N.O.	C1B1-M1206N-O3A2	∩	C1B2-M1208N-O3A2	1	C1P1-M1206N-O3A2	∩	C1P2-M1208N-O3A2	1
DC 3 wire 10-30V NPN N.C.	C1B1-M1206N-C3A2	∩	C1B2-M1208N-C3A2	2	C1P1-M1206N-C3A2	∩	C1P2-M1208N-C3A2	2
DC 3 wire 10-30V PNP N.O.	C1B1-M1206P-O3A2	∩	C1B2-M1208P-O3A2	3	C1P1-M1206P-O3A2	∩	C1P2-M1208P-O3A2	3
DC 3 wire 10-30V PNP N.C.	C1B1-M1206P-C3A2	∩	C1B2-M1208P-C3A2	4	C1P1-M1206P-C3A2	∩	C1P2-M1208P-C3A2	4
DC 4 wire 10-30V Changeover PNP (N.O. & N.C.)	-				-			
DC 4 wire 10-30V Changeover NPN (N.O. & N.C.)	-				-			
DC 2 wire 10-60V N.O.	-				-			
DC 2 wire 10-60V N.C.	-				-			
DC 3 wire 10-55v NPN N.O.	-				-			
DC 3 wire 10-55v NPN N.C.	-				-			
DC 3 wire 10-55v PNP N.O.	-				-			
DC 3 wire 10-55v PNP N.C.	-				-			
DC 3 wire 5-36V PNP N.C.	-				-			
DC 3 wire 5-36V PNP N.O.	-				-			
DC 3 wire 5-36V NPN N.C.	-				-			
DC 3 wire 5-36V NPN N.O.	-				-			
DC 4 wire 5-36V Changeover PNP (N.O & N.C.)	-				-			
DC 4 wire 5-36V Changeover NPN (N.O & N.C.)	-				-			
Wiring diagram number	↑			↑				
Dimensions (unit: mm)								
Cable 2M (PVC)	4φ3x0.15			4φ3x0.15				
Weight	approx.60 g			approx.60 g				

Subject to modifications without notice

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