

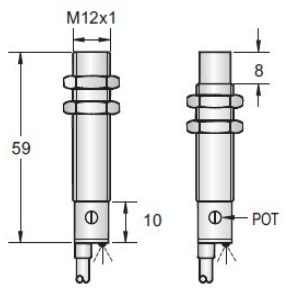
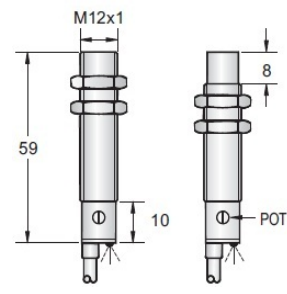


## DC CAPACITIVE PROXIMITY SWITCH(M12)

Diameter	M12			M12		
Shielded/non-Shielded	Shielded/ Non-Shielded			Shielded/ Non-Shielded		
Switching Distance Sn mm	1-3mm adjustable / 1-6mm adjustable			1-3mm adjustable / 1-6mm 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	100HZ			100HZ		
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-M1203N-O3A2	∩ C1B2-M1206N-O3A2	1	C1P1-M1203N-O3A2	∩ C1P2-M1206N-O3A2	1
DC 3 wire 10-30V NPN N.C.	C1B1-M1203N-C3A2	∩ C1B2-M1206N-C3A2	2	C1P1-M1203N-C3A2	∩ C1P2-M1206N-C3A2	2
DC 3 wire 10-30V PNP N.O.	C1B1-M1203P-O3A2	∩ C1B2-M1206P-O3A2	3	C1P1-M1203P-O3A2	∩ C1P2-M1206P-O3A2	3
DC 3 wire 10-30V PNP N.C.	C1B1-M1203P-C3A2	∩ C1B2-M1206P-C3A2	4	C1P1-M1203P-C3A2	∩ C1P2-M1206P-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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