





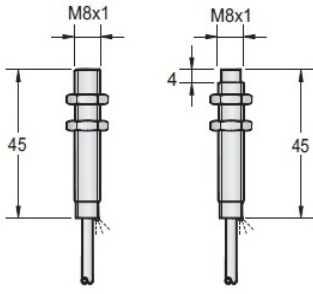
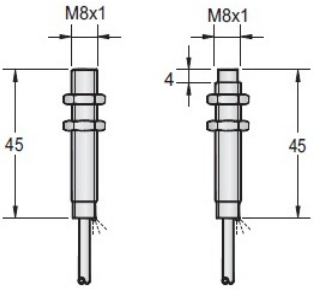


# DC CAPACITIVE PROXIMITY SWITCH(M8)

Diameter	M8			M8				
Shielded/non-Shielded	Shielded/ Non-Shielded			Shielded/ Non-Shielded				
Switching Distance Sn mm	1mm / 2mm			2mm / 4mm				
Housing Material	nickel palated brass			nickel palated brass				
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			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			POM				
DC 3 wire 10-30V NPN N.O.	C1B1-M0801N-O3A2	∣	C1B2-M0802N-O3A2	1	C1B1-M0802N-O3A2	∣	C1B2-M0804N-O3A2	1
DC 3 wire 10-30V NPN N.C.	C1B1-M0801N-C3A2	∣	C1B2-M0802N-C3A2	2	C1B1-M0802N-C3A2	∣	C1B2-M0804N-C3A2	2
DC 3 wire 10-30V PNP N.O.	C1B1-M0801P-O3A2	∣	C1B2-M0802P-O3A2	3	C1B1-M0802P-O3A2	∣	C1B2-M0804P-O3A2	3
DC 3 wire 10-30V PNP N.C.	C1B1-M0801P-C3A2	∣	C1B2-M0802P-C3A2	4	C1B1-M0802P-C3A2	∣	C1B2-M0804P-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)	3φ3x0.15			3φ3x0.15				
Weight	approx.40 g			approx.40 g				

Subject to modifications without notice

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