





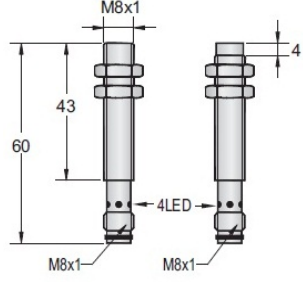
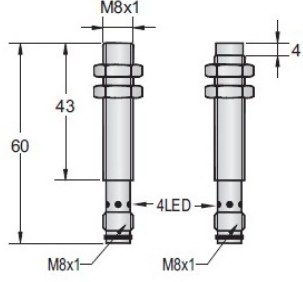


DC CAPACITIVE PROXIMITY SWITCH(M8)

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-OPA3	∣ C1B2-M0802N-OPA3	25	C1B1-M0802N-OPA3	∣ C1B2-M0804N-OPA3	25
DC 3 wire 10-30V NPN N.C.	C1B1-M0801N-CPA3	∣ C1B2-M0802N-CPA3	25	C1B1-M0802N-CPA3	∣ C1B2-M0804N-CPA3	25
DC 3 wire 10-30V PNP N.O.	C1B1-M0801P-OPA3	∣ C1B2-M0802P-OPA3	26	C1B1-M0802P-OPA3	∣ C1B2-M0804P-OPA3	26
DC 3 wire 10-30V PNP N.C.	C1B1-M0801P-CPA3	∣ C1B2-M0802P-CPA3	26	C1B1-M0802P-CPA3	∣ C1B2-M0804P-CPA3	26
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)	M8 connector			M8 connector		
Weight	approx.17 g /approx.16 g			approx.17 g /approx.16 g		

Subject to modifications without notice

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