

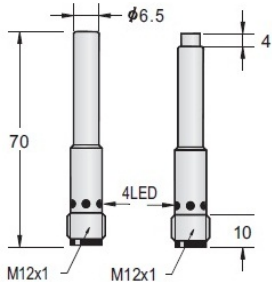
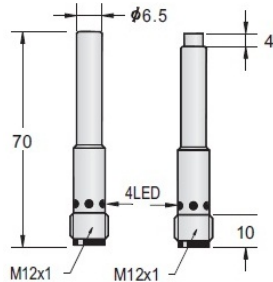


DC CAPACITIVE PROXIMITY SWITCH(φ6.5)

Diameter	φ6.5		φ6.5		
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-φ6.501N-OEA4	∣ C1B2-φ6.502N-OEA4	25	C1B1-φ6.502N-OEA4 ∣ C1B2-φ6.504N-OEA4	25
DC 3 wire 10-30V NPN N.C.	C1B1-φ6.501N-CEA4	∣ C1B2-φ6.502N-CEA4	25	C1B1-φ6.502N-CEA4 ∣ C1B2-φ6.504N-CEA4	25
DC 3 wire 10-30V PNP N.O.	C1B1-φ6.501P-OEA4	∣ C1B2-φ6.502P-OEA4	26	C1B1-φ6.502P-OEA4 ∣ C1B2-φ6.504P-OEA4	26
DC 3 wire 10-30V PNP N.C.	C1B1-φ6.501P-CEA4	∣ C1B2-φ6.502P-CEA4	26	C1B1-φ6.502P-CEA4 ∣ C1B2-φ6.504P-CEA4	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)	M12 connector			M12 connector	
Weight	approx.25g			approx.25g	

Subject to modifications without notice

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