

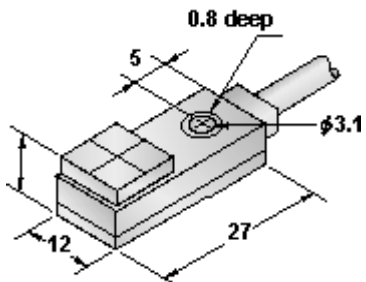
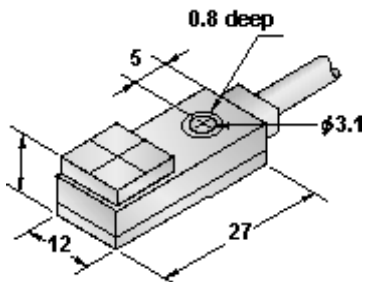


MIN Q SERIES INDUCTIVE PROXIMITY SWITCH (Q12)

Diameter	Q12		Q12	
Shielded/non-Shielded	Non-Shielded		Non-Shielded	
Switching Distance Sn mm	2 mm		3 mm	
Housing Material	Polycarbonate		Polycarbonate	
With LED/Without LED	With LED		With LED	
Picture				
Operating Voltage	10-30VDC		10-30VDC	
Ripple	<10%		<10%	
No Load Current	<0.8mA		<0.8mA	
Max. Load Current	100mA		100mA	
Leakge Current	<0.8mA		<0.8mA	
Voltage Drop	< 6V		< 6V	
Switching Frequency	1K HZ		1K HZ	
Response Time	0.2ms/0.2ms		0.2ms/0.2ms	
Switching Hysteresis	<15%(sr)		<15%(sr)	
Repeat Accuracy	<0.04mm		<0.04mm	
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	120mA		120mA	
Material Active Face	Polycarbonate		Polycarbonate	
DC 3 wire 10-30V NPN N.O.	-		-	
DC 3 wire 10-30V NPN N.C.	-		-	
DC 3 wire 10-30V PNP N.O.	-		-	
DC 3 wire 10-30V PNP N.C.	-		-	
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 10-30V N.O.	D1P2-Q1202C-O2A2/F	7	D1P2-Q1203C-O2A2/F	7
DC 2 wire 10-30V N.C.	D1P2-Q1202C-C2A2/F	8	D1P2-Q1203C-C2A2/F	8
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.	-		-	
	-		-	
	-		-	
	-		-	
	-		-	
	-		-	
Wiring diagram number	↑		↑	
Dimensions (unit: mm)				
Cable 2M (PUR)	3φ 3x0.15		3φ 3x0.15	
Weight	approx.20 g		approx.20 g	

Subject to modifications without notice

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