



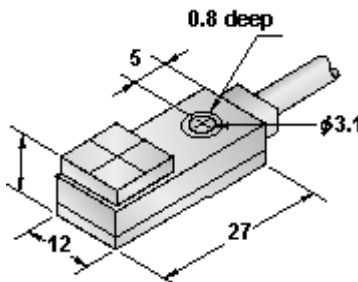
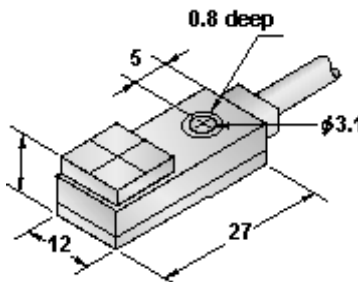


MIN Q SERIES INDUCTIVE PROXIMITY SWITCH (Q12)

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	 CE		 CE	
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	< 1.5V		< 1.5V	
Switching Frequency	500HZ		500HZ	
Response Time	0.5ms/0.5ms		0.5ms/0.5ms	
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	220mA		220mA	
Material Active Face	Polycarbonate		Polycarbonate	
DC 3 wire 10-30V NPN N.O.	D1P2-Q1202N-O3A2/F	1	D1P2-Q1203N-O3A2/F	1
DC 3 wire 10-30V NPN N.C.	D1P2-Q1202N-C3A2/F	2	D1P2-Q1203N-C3A2/F	2
DC 3 wire 10-30V PNP N.O.	D1P2-Q1202P-O3A2/F	3	D1P2-Q1203P-O3A2/F	3
DC 3 wire 10-30V PNP N.C.	D1P2-Q1202P-C3A2/F	4	D1P2-Q1203P-C3A2/F	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 10-30V N.O.	-		-	
DC 2 wire 10-30V 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.	-		-	
	-		-	
	-		-	
	-		-	
	-		-	
Wiring diagram number				
Dimensions (unit: mm)				
Cable 2M (PUR)	2.7φ 3x0.15		2.7φ 3x0.15	
Weight	approx.20 g		approx.20 g	

Subject to modifications without notice

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