



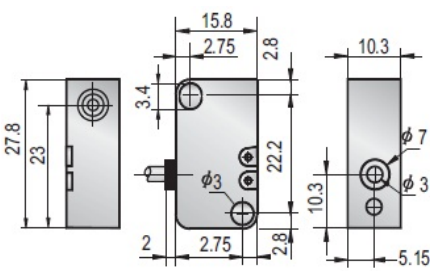
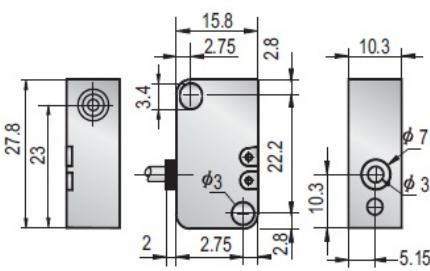


DC INDUCTIVE PROXIMITY SWITCH (Q16C)

Diameter	Q16x28x10		Q16x28x10	
Shielded/non-Shielded	Shielded/ Non-Shielded		Shielded/ Non-Shielded	
Switching Distance Sn mm	1mm / 2mm		2mm / 4mm	
Housing Material	PBT RESIN		PBT RESIN	
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		< 2.0V	
Switching Frequency	2KHZ		2KHZ / 1KHZ	
Response Time	0.1ms/0.1ms		0.1ms/0.1ms 0.2ms/0.2ms	
Switching Hysteresis	<15%(Sr)		<15%(Sr)	
Repeat Accuracy	<1.0%(Sr)		<1.0%(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	-		-	
DC 3 wire 10-30V NPN N.O.	D1P1-Q2801N-O3A2X ; D1P2-Q2802N-O3A2X	1	D1P1-Q2802N-O3A2X ; D1P2-Q2804N-O3A2X	1
DC 3 wire 10-30V NPN N.C.	D1P1-Q2801N-C3A2X ; D1P2-Q2802N-C3A2X	2	D1P1-Q2802N-C3A2X ; D1P2-Q2804N-C3A2X	2
DC 3 wire 10-30V PNP N.O.	D1P1-Q2801P-O3A2X ; D1P2-Q2802P-O3A2X	3	D1P1-Q2802P-O3A2X ; D1P2-Q2804P-O3A2X	3
DC 3 wire 10-30V PNP N.C.	D1P1-Q2801P-C3A2X ; D1P2-Q2802P-C3A2X	4	D1P1-Q2802P-C3A2X ; D1P2-Q2804P-C3A2X	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.55 g		approx.55 g	

Subject to modifications without notice

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