



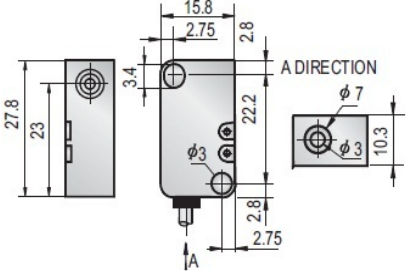
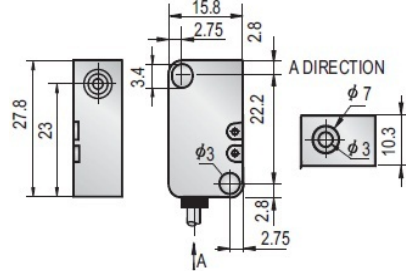


DC INDUCTIVE PROXIMITY SWITCH (Q16C)

Diameter	Q16x28x10	Q16x28x10
Shielded/non-Shielded	Shielded/ Non-Shielded	Shielded/ Non-Shielded
Switching Distance Sn mm	2mm / 4mm	3mm / 6mm
Housing Material	PBT RESIN	PBT RESIN
With LED/Without LED	With LED	With LED
Picture	 <div style="text-align: right; font-size: 2em;">CE</div>	 <div style="text-align: right; font-size: 2em;">CE</div>
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	< 2.0V	< 2.0V
Switching Frequency	2KHZ / 1KHZ	1KHZ / 500HZ
Response Time	0.1ms/0.1ms 0.2ms/0.2ms	0.2ms/0.2ms 0.5ms/0.5ms
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-Q2802N-O3A2 ; D1P2-Q2804N-O3A2	D1P1-Q2803N-O3A2 ; D1P2-Q2806N-O3A2
DC 3 wire 10-30V NPN N.C.	D1P1-Q2802N-C3A2 ; D1P2-Q2804N-C3A2	D1P1-Q2803N-C3A2 ; D1P2-Q2806N-C3A2
DC 3 wire 10-30V PNP N.O.	D1P1-Q2802P-O3A2 ; D1P2-Q2804P-O3A2	D1P1-Q2803P-O3A2 ; D1P2-Q2806P-O3A2
DC 3 wire 10-30V PNP N.C.	D1P1-Q2802P-C3A2 ; D1P2-Q2804P-C3A2	D1P1-Q2803P-C3A2 ; D1P2-Q2806P-C3A2
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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