





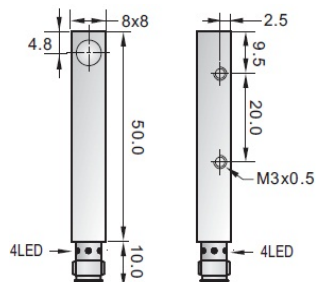
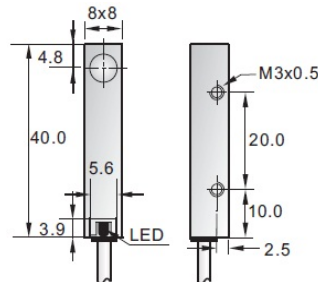


DC INDUCTIVE PROXIMITY SWITCH(Q8)

Diameter	Q8		Q8	
Shielded/non-Shielded	Shielded		Shielded	
Switching Distance Sn mm	3mm		3mm	
Housing Material	Nickel Plated brass		Nickel Plated brass	
With LED/Without LED	With LED		With LED	
Picture	 		 	
Operating Voltage	10-30VDC		10-30VDC / 5-36VDC	
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	1KHZ		2KHZ	
Response Time	02ms/0.2ms		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	POM		POM	
DC 3 wire 10-30V NPN N.O.	D1B1-Q8803N-OPA3	25	D1B1-Q8803N-O3A2	1
DC 3 wire 10-30V NPN N.C.	D1B1-Q8803N-CPA3	25	D1B1-Q8803N-C3A2	2
DC 3 wire 10-30V PNP N.O.	D1B1-Q8803P-OPA3	26	D1B1-Q8803P-O3A2	3
DC 3 wire 10-30V PNP N.C.	D1B1-Q8803P-CPA3	26	D1B1-Q8803P-C3A2	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)	-		3xφ3x0.15	
Weight	approx.38 g		approx.38 g	

Subject to modifications without notice

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