

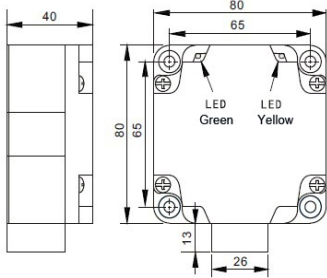
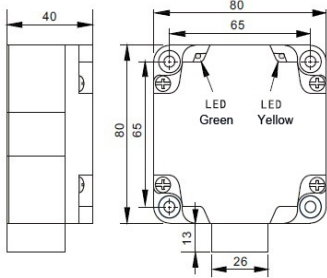


# DC INDUCTIVE PROXIMITY SWITCH(Q80)

Model	Q80x80x40		Q80x80x40	
Shielded/non-Shielded	Shielded		Non-shielded	
Switching Distance Sn mm	50mm		70mm	
Standard Target	150x150x1mm FE37		210x210x1mm FE37	
Housing Material	PBT RESIN		PBT RESIN	
With LED/Without LED	With LED		With LED	
Picture				
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	< 2VDC		< 2VDC	
Switching Frequency	100HZ		50HZ	
Response Time	1.5ms		1.5ms	
Switching Hysteresis	<15%(sr)		<15%(sr)	
Repeat Accuracy	<5%(sr)		<5%(sr)	
Protection Category	IP66		IP66	
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	PBT		PBT	
DC 3 wire 10-30V NPN N.O.	D1P1-Q8050N-O3A	1	D1P2-Q8070N-O3A	1
DC 3 wire 10-30V NPN N.C.	D1P1-Q8050N-C3A	2	D1P2-Q8070N-C3A	2
DC 3 wire 10-30V PNP N.O.	D1P1-Q8050P-O3A	3	D1P2-Q8070P-O3A	3
DC 3 wire 10-30V PNP N.C.	D1P1-Q8050P-C3A	4	D1P2-Q8070P-C3A	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.	-			
Wiring diagram number	↑		↑	
Dimensions (unit: mm)				
Connection	4x Terminal		4x Terminal	
Weight	approx. 380g		approx. 380g	

Subject to modifications without notice

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