





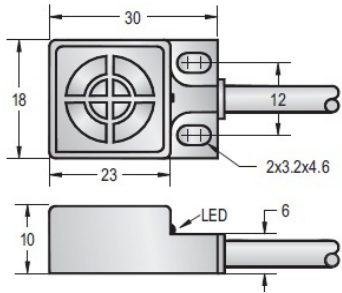
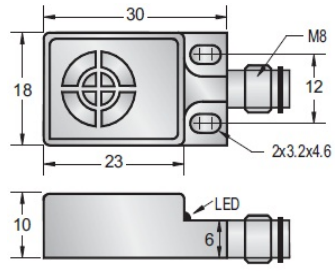


DC INDUCTIVE PROXIMITY SWITCH(Q18C)

Diameter	Q18C		Q18C	
Shielded/non-Shielded	Non-Shielded		Non-Shielded	
Switching Distance Sn mm	4mm		4mm	
Housing Material	POM RESIN		POM RESIN	
With LED/Without LED	With LED		With LED	
Picture	 		 	
	Operating Voltage	10-30VDC / 5-36VDC / 10-55VDC		10-30VDC / 5-36VDC / 10-55VDC
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	<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.	D1P2-Q18C04N-O3A2	1	D1P2-Q18C04N-OPA3	25
DC 3 wire 10-30V NPN N.C.	D1P2-Q18C04N-C3A2	2	D1P2-Q18C04N-CPA3	25
DC 3 wire 10-30V PNP N.O.	D1P2-Q18C04P-O3A2	3	D1P2-Q18C04P-OPA3	26
DC 3 wire 10-30V PNP N.C.	D1P2-Q18C04P-C3A2	4	D1P2-Q18C04P-CPA3	26
DC 4 wire 10-30V Changeover PNP (N.O.)	-		-	
DC 4 wire 10-30V Changeover NPN (N.O.)	-		-	
DC 2 wire 10-60V N.O.	-		-	
DC 2 wire 10-60V N.C.	-		-	
DC 3 wire 10-55v NPN N.O.	D3P2-Q18C04N-O3A2	1	D3P2-Q18C04N-OPA3	25
DC 3 wire 10-55v NPN N.C.	D3P2-Q18C04N-C3A2	2	D3P2-Q18C04N-CPA3	25
DC 3 wire 10-55v PNP N.O.	D3P2-Q18C04P-O3A2	3	D3P2-Q18C04P-OPA3	26
DC 3 wire 10-55v PNP N.C.	D3P2-Q18C04P-C3A2	4	D3P2-Q18C04P-CPA3	26
DC 3 wire 5-36V PNP N.C.	D2P2-Q18C04N-O3A2	<u>1</u>	D2P2-Q18C04N-OPA3	25
DC 3 wire 5-36V PNP N.O.	D2P2-Q18C04N-C3A2	<u>2</u>	D2P2-Q18C04N-CPA3	25
DC 3 wire 5-36V NPN N.C.	D2P2-Q18C04P-O3A2	<u>3</u>	D2P2-Q18C04P-OPA3	26
DC 3 wire 5-36V NPN N.O.	D2P2-Q18C04P-C3A2	<u>4</u>	D2P2-Q18C04P-CPA3	26
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)	4φ3x0.15		-	
Weight	approx.46 g		approx.21 g	

Subject to modifications without notice

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