

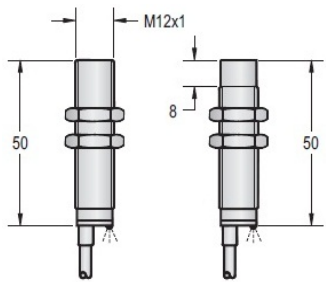
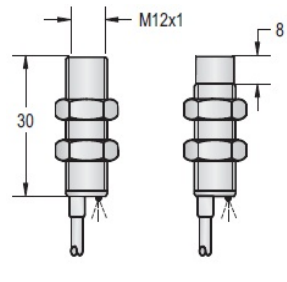


DC INDUCTIVE PROXIMITY SWITCH(M12)

Diameter	M12		M12	
Shielded/non-Shielded	Shielded/ Non-Shielded		Shielded/ Non-Shielded	
Switching Distance Sn mm	6mm / 10mm		6mm /10mm	
Housing Material	Nickel plated brass		Nickel plated brass	
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	< 2.0V		< 2.0V	
Switching Frequency	800HZ / 400HZ		800HZ / 400HZ	
Response Time	0.2ms/0.2ms 0.3ms/0.3ms		0.2ms/0.2ms 0.3ms/0.3ms	
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/PBT		POM/PBT	
DC 3 wire 10-30V NPN N.O.	D1B1-M1206N-O3A2 ; D1B2-M1210N-O3A2	1	D1B1-M1206N-O3S2 ; D1B2-M1210N-O3S2	1
DC 3 wire 10-30V NPN N.C.	D1B1-M1206N-C3A2 ; D1B2-M1210N-C3A2	2	D1B1-M1206N-C3S2 ; D1B2-M1210N-C3S2	2
DC 3 wire 10-30V PNP N.O.	D1B1-M1206P-O3A2 ; D1B2-M1210P-O3A2	3	D1B1-M1206P-O3S2 ; D1B2-M1210P-O3S2	3
DC 3 wire 10-30V PNP N.C.	D1B1-M1206P-C3A2 ; D1B2-M1210P-C3A2	4	D1B1-M1206P-C3S2 ; D1B2-M1210P-C3S2	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)	4φ3x0.15		4φ3x0.15	
Weight	approx.67g / approx.65g		approx.62g / approx.60g	

Subject to modifications without notice

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