


AC INDUCTIVE PROXIMITY SWITCH(M30)

Diameter	M30		M30			
Shielded/non-Shielded	Shielded/ Non-Shielded		Shielded/ Non-Shielded			
Switching Distance Sn mm	10mm / 15mm		10mm / 15mm			
Housing Material	stainless steel or nickel plated brass		stainless steel or nickel plated brass			
With LED/Without LED	With LED		With LED			
Picture						
Operating Voltage	20-250VAC		20-250VAC			
No Load Current	<1.8mA		<1.8mA			
Max. Load Current	400mA		400mA			
Leakge Current	<1.8mA		<1.8mA			
Surge Current	5A(20ms)		5A(20ms)			
Min. Load Current	5mA		5mA			
Voltage Drop	<8VAC AT 400mA		<8VAC AT 400mA			
Switching Frequency	<25HZ		<25HZ			
Response Time	10ms / 10ms		10ms / 10ms			
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	NO		NO			
Material Active Face	PBT		PBT			
DC 3 wire 10-30V NPN N.O.	-		-			
DC 3 wire 10-30V NPN N.C.	-		-			
DC 3 wire 10-30V PNP N.O.	-		-			
DC 3 wire 10-30V PNP N.C.	-		-			
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.	-		-			
AC 2 wire 20-250V N.O.	D7B1-M3010A-O3B2	D7B2-M3015A-O3B2	11	D7B1-M3010A-O3S2	D7B2-M3015A-O3S2	11
AC 2 wire 20-250V N.C.	D7B1-M3010A-C3B2	D7B2-M3015A-C3B2	12	D7B1-M3010A-C3S2	D7B2-M3015A-C3S2	12
AC 2 wire 20-250V N.O. or N.C. Changeable	-			-		
AC/DC 2 wire 20-250V N.O.	-			-		
AC/DC 2 wire 20-250V N.C.	-			-		
AC/DC 2 wire 20-250V N.O. or N.C. Changeable	-			-		
Wiring diagram number						
Dimensions (unit: mm)						
Cable 2M (PVC)	5.8φ3x0.5		5.8φ3x0.5			
Weight	approx.247 g / approx.247 g		approx.209g / approx.208 g			

Subject to modifications without notice

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