

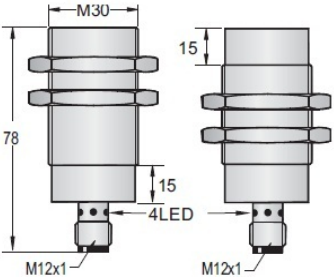
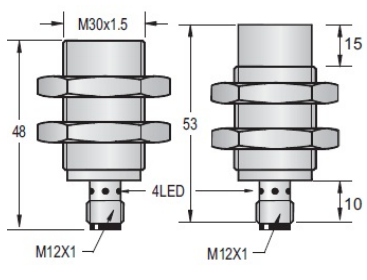


AC/DC INDUCTIVE PROXIMITY SWITCH(M30)

Diameter	M30		M30			
Shielded/non-Shielded	Shielded/ Non-Shielded		Shielded/ Non-Shielded			
Switching Distance Sn mm	16mm / 25mm		16mm / 25mm			
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/20-250VDC		20-250VAC/20-250VDC			
No Load Current	<2.5mA		<2.5mA			
Max. Load Current	200mA		200mA			
Leakge Current	<2.5mA		<2.5mA			
Surge Current	2.2A for 20ms		2.2A for 20ms			
Min. Load Current	5mA		5mA			
Voltage Drop	<10VAC;8VDC		<10VAC;8VDC			
Switching Frequency	25HZ AC;40HZ DC		25HZ AC;40HZ DC			
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	YES		YES			
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.	-		-			
AC 2 wire 20-250V N.C.	-		-			
AC 2 wire 20-250V N.O. or N.C. Changeable .	-		-			
AC/DC 2 wire 20-250V N.O.	D8B1-M3016U-OEA4	D8B2-M3025U-OEA4	53	D8B1-M3016U-OES4	D8B2-M3025U-OES4	53
AC/DC 2 wire 20-250V N.C.	D8B1-M3016U-CEA4	D8B2-M3025U-CEA4	53	D8B1-M3016U-CES4	D8B2-M3025U-CES4	53
AC/DC 2 wire 20-250V N.O. or N.C. Changeable	-			-		
Wiring diagram number						
Dimensions (unit: mm)						
Cable 2M (PVC)	M12 connector		M12 connector			
Weight	approx.147 g / approx.137 g		approx.111g / approx.121g			

Subject to modifications without notice

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