

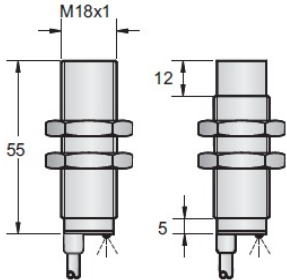
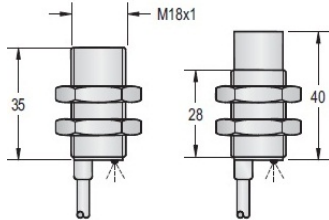


AC/DC INDUCTIVE PROXIMITY SWITCH(M18)

Diameter	M18			M18				
Shielded/non-Shielded	Shielded/ Non-Shielded			Shielded/ Non-Shielded				
Switching Distance Sn mm	5mm / 8mm			5mm / 8mm				
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-M1805U-O3A2	∣	D8B2-M1808U-O3A2	11	D8B1-M1805U-O3S2	∣	D8B2-M1808U-O3S2	11
AC/DC 2 wire 20-250V N.C.	D8B1-M1805U-C3A2	∣	D8B2-M1808U-C3A2	12	D8B1-M1805U-C3S2	∣	D8B2-M1808U-C3S2	12
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.161 g / approx.160g			approx.156 g / approx.146 g				

Subject to modifications without notice

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