

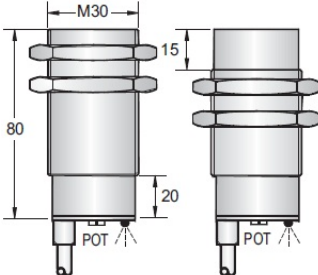
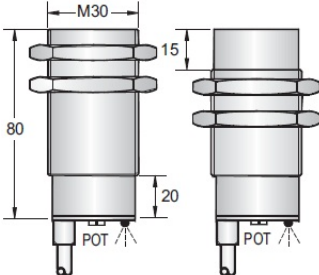


AC/DC CAPACITIVE PROXIMITY SWITCH(M30)

Diameter	M30		M30		
Shielded/non-Shielded	Shielded/ Non-Shielded		Shielded/ Non-Shielded		
Switching Distance Sn mm	2-20mm / 2-25mm adjustable		2-20mm / 2-25mm adjustable		
Housing Material	stainless steel or nickel plated brass		PBT RESIN		
With LED/Without LED	With LED		With LED		
Picture					
Operating Voltage	20-250VAC,50-60HZ,20-250VDC		20-250VAC,50-60HZ,20-250VDC		
Ripple	DC Ripple<10%		DC Ripple<10%		
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		
Switching Hysteresis	1%-15% Of Sensing range		1%-15% Of Sensing range		
Repeat Accuracy	<1%(sr)		<1%(sr)		
Protection Category	IP67		IP67		
Operating Temperature	-25 °C - +70 °C		-25 °C - +70 °C		
Temperature Drift	<+/-15% of Sensing Range		<+/-15% of Sensing Range		
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.	C8B1-M3020U-O3B2	∣ C8B2-M3025U-O3B2	15	C8P1-M3020U-O2B2 ∣ C8P2-M3025U-O2B2	13
AC/DC 2 wire 20-250V N.C.	C8B1-M3020U-C3B2	∣ C8B2-M3025U-C3B2	16	C8P1-M3020U-B2-M2 ∣ C8P2-M3025U-B2-M2	14
AC/DC 2 wire 20-250V N.O. or N.C. Changeable	-		-		
Wiring diagram number					
Dimensions (unit: mm)					
Cable 2M (PVC)	5.8φ3x0.5		5.8φ2x0.5		
Weight	approx. 231g / approx. 219g		approx. 197g / approx. 195g		

Subject to modifications without notice

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 Sensing the future