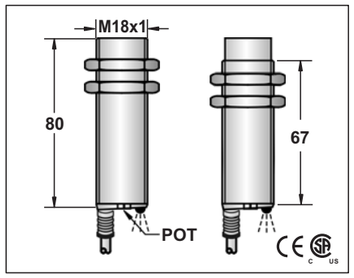
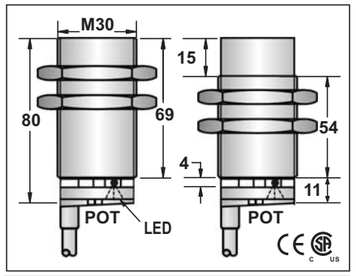
PART U-01 ~ U-07

AC CAPACITIVE PROXIMITY SWITCH

Diameter	M18			M30		
● Shielded ○ non-Shielded	●		○	●		○
Switching Distance Sn mm	2-8 mm adjustable		2-15 mm adjustable	2-20 mm adjustable		2-30 mm adjustable
Housing Material	stainless steel or nickel plated brass			stainless steel or nickel plated brass		
● With LED ○ Without LED	●			●		
Dimensions (unit: mm)						
Operating Voltage	20-250VAC			20-250VAC		
Ripple	-			-		
No Load Current	<2.5mA			<2.5mA		
Max. Load Current	300mA			300mA		
Leakge Current	<2.5mA			<2.5mA		
Surge Current	5A			5A		
Min. Load Current	5mA			5mA		
Voltage Drop	<9VAC AT 300MA			<9VAC AT 300MA		
Switching Frequency	25HZ			25HZ		
Response Time	10ms/10ms			10ms/10ms		
Switching Hysteresis	<15%(Sr)			<15%(Sr)		
Repeat Accuracy	<5%(Sr)			<5%(Sr)		
Protection Category	IP67			IP67		
Operating Temperature	-25℃~+70℃			-25℃~+70℃		
Temperature Drift	<10%(Sr)			<10%(Sr)		
Short Circuit Protection	-			-		
Overload Trip Point	-			-		
Time Delay Before Availability	-			-		
EMC	RFI>3V/m / EFT>1KV / ESD>4KV (contact)			RFI>3V/m / EFT>1KV / ESD>4KV (contact)		
Shock / Vibration	IEC 60947-5-2,Part 7.4.1 / IEC 60947-5-2,Part 7.4.2			IEC 60947-5-2,Part 7.4.1 / IEC 60947-5-2,Part 7.4.2		
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. or NAMUR						
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.	CCM1-1808A-A3L2	11	CCM2-1815A-A3L2	CCM1-3020A-A3L2	11	CCM2-3030A-A3L2
AC 2 wire 20-250V N.C.	CCM1-1808A-B3L2	12	CCM2-1815A-B3L2	CCM1-3020A-B3L2	12	CCM2-3030A-B3L2
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						
Remark						
Cable 2M (PVC)	5.0∅44x0.1			5.8∅3x0.5		
Weight	approx.115g		approx.110g	approx.231g		approx.219g