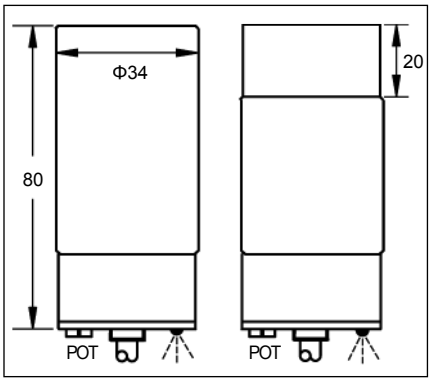
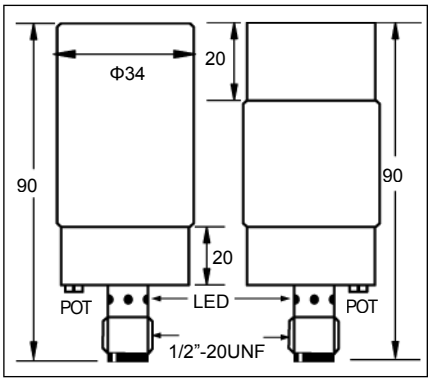
AC CAPACITIVE PROXIMITY SENSOR (20-250VAC)

Diameter	Φ 34		Φ 34	
● Shielded ○ non-Shielded	●	○	●	○
Switching Distance, Sn: mm	2-25 mm	2-35 mm	2-25 mm	2-35 mm
Housing Material	PBT		PBT	
● With LED ○ Without LED	●		●	

Picture

Dimensions (unit: mm)





No Load Current	<2.5mA			<2.5mA		
Max. Load current	300mA			300mA		
Leakage 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	NO			NO		
Material Active Face	PBT			PBT		
Connecting type	2M Cable (5.0 Φ 2x0.5)			Micro connector		
Weight	approx.250 g			approx.162 g		
AC 20-250V N.O.	CPS-S3425A-A7VN2	11*	CPN-S3435A-A7VN2	CPS-S3425A-A7MN3	11*	CPN-S3435A-A7MN3
AC 20-250V N.C.	CPS-S3425A-B7VN2	12	CPN-S3435A-B7VN2	CPS-S3425A-B7MN3	12	CPN-S3435A-B7MN3
AC 20-250V N.O. or N.C. Changeable						

* Wiring diagram number. Please see the relevant wiring diagram shown on Page 013 to Page 015.