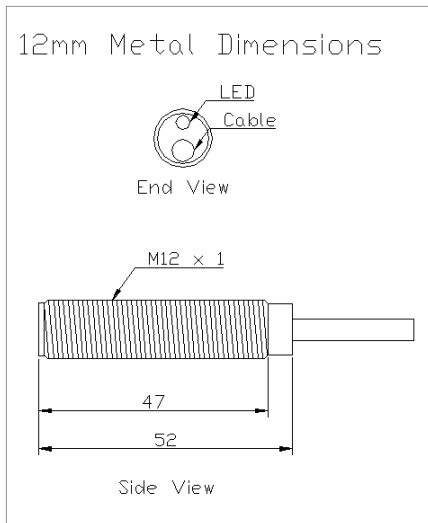




Features

- Signal LED indicator
- Complete Protections
- Compact length
- IP 67
- -25 to +75 degrees C



Sensing Specifications

Flush Mountable	Yes
Nominal Sensing Distance (Sn)	2.5mm
Repeat Error (% of Sn)	<2%
Hysteresis (% of Sn)	<20%

Mechanical Specifications

Dimensions	M12x1 x 52mm (see drawing)
Enclosure Rating	IP67, NEMA 1,3,4,6,13
Operating Temperature Range °C (°F)	-25 °C (-13 °F) to 70 °C (158 °F)
LED Signal Indicator	Yes, Yellow
Sensor Type	D-Type, Shielded, Embeddable
Barrel Material	Ni-plated brass
Sensor Face Material	Plastic (Valox DR-48)
Termination	2 meters, 3 wire, PVC jacket
Shock	30g, 11ms

Electrical Specifications – DC Versions

Supply Voltage Range	5-48 VDC
Continuous Switching Current	300mA
Voltage Drop	<2VDC
Current Consumption	<10mA
Maximum Switching Frequency	100Hz
Transient Protection	Yes
Short Circuit Protection	Yes
Reverse Polarity Protection	Yes

Part Numbers

5-48VDC	PNP/N.O.	<u>Cable Versions</u>
5-48VDC	PNP/N.C.	C1A12AP1-M
5-48VDC	NPN/N.O.	C1A12BP1-M
5-48VDC	NPN/N.C.	C1A12AN1-M
		C1A12BN1-M