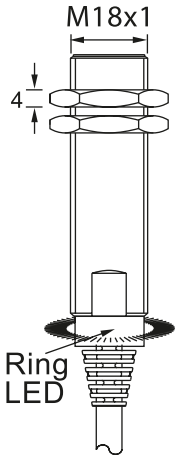
LCN1-1812U-B2L2

Long Range Proximity Sensor



Note: The product images shown may change over time as products are updated.

Dimensions



Body Length (mm)
76

Part Number

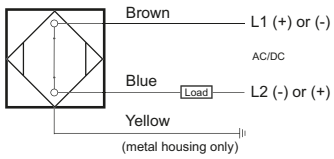
LCN1-1812U-B2L2

Features

Inductive Proximity Sensors are used in a wide variety of manufacturing operations where a metal target needs to be sensed. HTM Sensors inductive proximity sensors have a Lifetime Warranty, a CSA or UL approval, and a huge inventory for same-day shipping. For tougher applications where the sensors need more range to stay out of harm's way, or to withstand high temperatures, weld spatter, chemical exposure, oil or other rough environments, HTM Sensors has the widest range of proximity sensors on the market.

Connection

Normally Closed



Technical Data

Body Style	Cylindrical
Sensor Housing Material	Chrome Plated Brass
Sensor Face Material	PBT Plastic
Mounting Style	Shielded
Diameter	18 mm Threaded
Sensing Range:	12 mm Range
Output Type:	AC/DC Output
Output Function	Normally Closed Output
Connection	Pre-Two Wired Cable Connect
Connector Type	Cable
Operating Voltage	20-250 V AC, 50-60HZ; 20-250 V DC
Switching Frequency	25 Hz AC; 40 Hz DC
Operating Temperature	-25 C – +70 C
Current Consumption	<2.5mA
IP Rating:	IP67
EMC Rating	RFI>3V/m / EFT>1kV / ESD>4Kv (contact)
Shock Rating:	IEC 60497-5-2 Part 7.4.1&7.4.2
Short Circuit Protected	Yes
Reverse Polarity Protected	NO
Max Current	200 mA
Leakage Current	<2.5mA
Surge Current	2.2 A for 20 ms
Response Time	10 ms/10 ms
Hysteresis	<15%(Sr)
Overload Trip Point	-
Weld Field Immune	No
Weld Spatter Resistant	No
Body Length (mm)	76

HTM SENSORS

In the USA: 1889 Maryland Ave., Niagara Falls, NY 14305
In Canada: 3419 Mainway, Burlington, ON L7M 1A9
Toll Free: 1-800-644-1756 • Fax: 888-283-2127
service@htmsensors.com