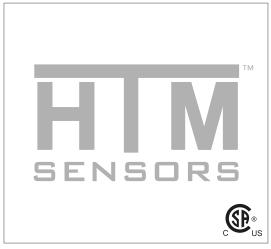
10-55V Inductive Proximity Sensor



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

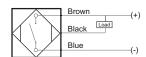
Part Number HCM2-1808N-A3U2Y

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 sameday 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.

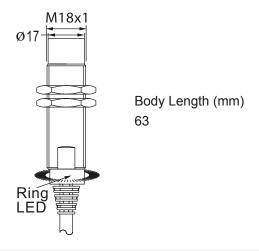
Connection

NPN Normally Open





Dimensions



Technical Data

Body Style	Cylindrical
Sensor Housing Material	Chrome Plated Brass
Sensor Face Material	PBT Plastic
Mounting Style	Unshielded
Diameter	18 mm Threaded
Sensing Range:	8 mm Range
Output Type:	NPN Output
Output Function	Normally Open Output
Connection	Pre-Three Wired Cable Connect
Connector Type	Cable
Operating Voltage	10-55VDC
Switching Frequency	500 Hz
Operating Temperature	-25 °C – +70 °C
Current Consumption	<20 mA
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	Yes
Max Current	200 mA
Laskana Cumant	
Leakage Current	<0.01 mA
Surge Current	<0.01 mA
•	<0.01 mA - 0.5 ms/0.5 ms
Surge Current	-
Surge Current Response Time	- 0.5 ms/0.5 ms
Surge Current Response Time Hysteresis	- 0.5 ms/0.5 ms <15%(Sr)
Surge Current Response Time Hysteresis Overload Trip Point	- 0.5 ms/0.5 ms <15%(Sr) ≥220 mA
Surge Current Response Time Hysteresis Overload Trip Point Weld Field Immune	- 0.5 ms/0.5 ms <15%(Sr) ≥220 mA No



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