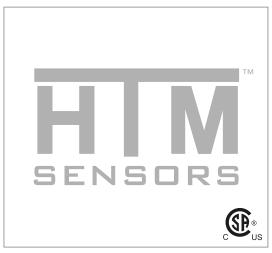
Long Range Proximity Sensor



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

Part Number

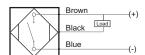
LCM1-3022N-A3S2

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.

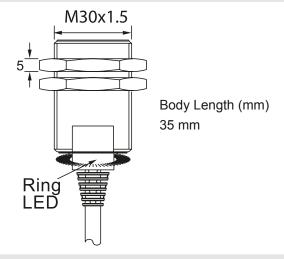
Connection

NPN Normally Open





Dimensions



Technical Data

Body Style	Cylindrical
Sensor Housing Material	Chrome Plated Brass
Sensor Face Material	PBT Plastic
Mounting Style	Shielded
Diameter	30 mm Threaded
Sensing Range:	22 mm Range
Output Type:	NPN Output
Output Function	Normally Open Output
Connection	Pre-Three Wired Cable Connect
Connector Type	Cable
Operating Voltage	10-30 VDC
Switching Frequency	1 KHz
Operating Temperature	-25 °C – +70 °C
Current Consumption	<10 mA
IP Rating:	IP67
IP Rating: EMC Rating	IP67 RFI>3V/m / EFT>1kV / ESD>4Kv (contact)
	·····
EMC Rating	RFI>3V/m / EFT>1kV / ESD>4Kv (contact)
EMC Rating Shock Rating:	RFI>3V/m / EFT>1kV / ESD>4Kv (contact) IEC 60497-5-2 Part 7.4.1&7.4.2
EMC Rating Shock Rating: Short Circuit Protected	RFI>3V/m / EFT>1kV / ESD>4Kv (contact) IEC 60497-5-2 Part 7.4.1&7.4.2 Yes
EMC Rating Shock Rating: Short Circuit Protected Reverse Polarity Protected	RFI>3V/m / EFT>1kV / ESD>4Kv (contact) IEC 60497-5-2 Part 7.4.1&7.4.2 Yes Yes
EMC Rating Shock Rating: Short Circuit Protected Reverse Polarity Protected Max Current	RFI>3V/m / EFT>1kV / ESD>4Kv (contact) IEC 60497-5-2 Part 7.4.1&7.4.2 Yes Yes 200 mA
EMC Rating Shock Rating: Short Circuit Protected Reverse Polarity Protected Max Current Leakage Current	RFI>3V/m / EFT>1kV / ESD>4Kv (contact) IEC 60497-5-2 Part 7.4.1&7.4.2 Yes Yes 200 mA
EMC Rating Shock Rating: Short Circuit Protected Reverse Polarity Protected Max Current Leakage Current Surge Current	RFI>3V/m / EFT>1kV / ESD>4Kv (contact) IEC 60497-5-2 Part 7.4.1&7.4.2 Yes Yes 200 mA <0.01 mA
EMC Rating Shock Rating: Short Circuit Protected Reverse Polarity Protected Max Current Leakage Current Surge Current Response Time	RFI>3V/m / EFT>1kV / ESD>4Kv (contact) IEC 60497-5-2 Part 7.4.1&7.4.2 Yes Yes 200 mA <0.01 mA - 0.1 ms/0.1 ms
EMC Rating Shock Rating: Short Circuit Protected Reverse Polarity Protected Max Current Leakage Current Surge Current Response Time Hysteresis	RFI>3V/m / EFT>1kV / ESD>4Kv (contact) IEC 60497-5-2 Part 7.4.1&7.4.2 Yes Yes 200 mA <0.01 mA - 0.1 ms/0.1 ms <15%(Sr)
EMC Rating Shock Rating: Short Circuit Protected Reverse Polarity Protected Max Current Leakage Current Surge Current Response Time Hysteresis Overload Trip Point	RFI>3V/m / EFT>1kV / ESD>4Kv (contact) IEC 60497-5-2 Part 7.4.1&7.4.2 Yes Yes 200 mA <0.01 mA - 0.1 ms/0.1 ms <15%(Sr) ≥220 mA
EMC Rating Shock Rating: Short Circuit Protected Reverse Polarity Protected Max Current Leakage Current Surge Current Response Time Hysteresis Overload Trip Point Weld Field Immune	RFI>3V/m / EFT>1kV / ESD>4Kv (contact) IEC 60497-5-2 Part 7.4.1&7.4.2 Yes Yes 200 mA <0.01 mA - 0.1 ms/0.1 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