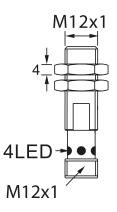
#### Long Range Proximity Sensor



#### **Dimensions**



Body Length (mm) 48

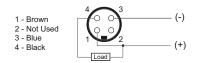
Note: The product images shown may change over time as products are updated.

# Part Number LCN1-1208N-BRS4 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

SENSORS





## **Technical Data**

Body Style	Cylindrical
Sensor Housing Material	Chrome Plated Brass
Sensor Face Material	PBT Plastic
Mounting Style	Shielded
Diameter	12 mm Threaded
Sensing Range:	8 mm Range
Output Type:	NPN Output
Output Function	Normally Closed Output
Connection	4-Pin Connector
Connector Type	M12x1 Quick-Connect
Operating Voltage	10-30 V DC
Switching Frequency	400 Hz
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   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   200 mA   <0.01 mA
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
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
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

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