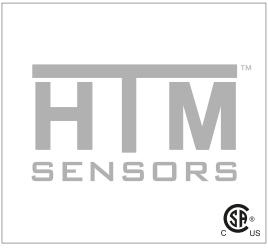
## **Extended Range Proximity Sensor**



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

# **Part Number**

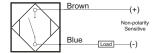
#### ECM2-0804C-A2U2

#### **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.

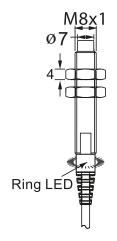
#### Connection

## Normally Open





## **Dimensions**



Body Length (mm) 45

## **Technical Data**

Body Style	Cylindrical
Sensor Housing Material	Chrome Plated Brass
Sensor Face Material	PBT Plastic
Mounting Style	Unshielded
Diameter	8 mm Threaded
Sensing Range:	4 mm Range
Output Type:	DC 2-Wire Output
Output Function	Normally Open Output
Connection	Pre-Two Wired Cable Connect
Connector Type	Cable
Operating Voltage	10-60 VDC
Switching Frequency	1 KHz
Operating Temperature	-25 °C – +70 °C
Current Consumption	-
ID D #	
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 100 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 100 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 100 mA <1.2 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 100 mA <1.2 mA - 0.2 ms/0.2 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 100 mA <1.2 mA - 0.2 ms/0.2 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 100 mA <1.2 mA - 0.2 ms/0.2 ms <15%(Sr) >120 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 100 mA <1.2 mA - 0.2 ms/0.2 ms <15%(Sr) >120 mA No



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