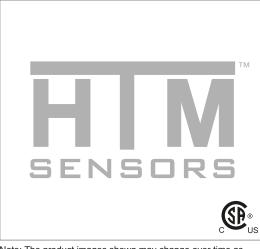
Extended Range Proximity Sensor

Body Length (mm)

50



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

Technical Data

Dimensions

Body Style Cylindrical

Sensor Housing Material

Sensor Face Material

Mounting Style

Diameter

Diameter

Output Type:

Chrome Plated Brass

PBT Plastic

Shielded

11 mm Smooth

4 mm Range

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

Operating Temperature -25 °C - +
Current Consumption <10 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

Leakage Current <0.01 mA

Surge Current Response Time 0.2 ms/0.2 ms

Hysteresis <15%(Sr)

Overload Trip Point ≥220 mA

Weld Field Immune No

Weld Spatter Resistant No Body Length (mm) 50

Part Number

ECM1-D1104N-A3U2

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

