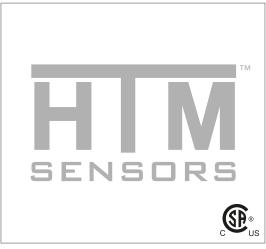
## **Inductive Proximity Sensor**



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

# **Part Number** FCP2-1808A-C4L2Z

#### **Features**

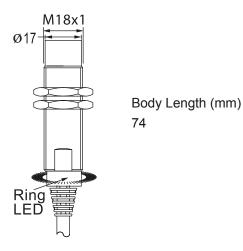
Inductive Proximity Sensors are used in a wide variety of manufacturing operations where a metal target needs to be sensed. HTM Sensors inductive proximity sensors have a Lifetime Warranty, a CSA or UL approval, and a huge inventory for sameday shipping. For tougher applications where the sensors need 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



### **Dimensions**



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Sensor Housing Material  Sensor Face Material  PBT Plastic  Mounting Style  Unshielded  Diameter  18 mm Threaded  Sensing Range:  8 mm Range  Output Type:  AC Output  Output Function  NO/NC Switchable Output  Connection  Pre-Four Wired Cable Connect  Connector Type  Cable  Operating Voltage  Switching Frequency  Operating Temperature  -25 °C - +70 °C  Current Consumption  IP Rating:  PBT Plastic  PBT Plas
Mounting Style Diameter 18 mm Threaded Sensing Range: 8 mm Range Output Type: AC Output Output Function NO/NC Switchable Output Connection Pre-Four Wired Cable Connect Connector Type Cable Operating Voltage 20-250 VAC Switching Frequency <25 Hz Operating Temperature -25 °C - +70 °C Current Consumption  Unshielded  No Menu Threaded  Rem Range  AC Output  NO/NC Switchable Output  Cable Cable  Cable  20-250 VAC  Switching Frequency <25 Hz  Coperating Temperature -25 °C - +70 °C  Current Consumption <1.8 mA
Diameter 18 mm Threaded  Sensing Range: 8 mm Range  Output Type: AC Output  Output Function NO/NC Switchable Output  Connection Pre-Four Wired Cable Connect  Connector Type Cable  Operating Voltage 20-250 VAC  Switching Frequency <25 Hz  Operating Temperature -25 °C - +70 °C  Current Consumption <1.8 mA
Sensing Range:  Output Type:  AC Output  Output Function  NO/NC Switchable Output  Connection  Pre-Four Wired Cable Connect  Connector Type  Cable  Operating Voltage  20-250 VAC  Switching Frequency  Operating Temperature  -25 °C - +70 °C  Current Consumption  8 mm Range  AC Output  NO/NC Switchable Output  Cable  Connect  Connect  Connect  Cable  20-250 VAC  Switching Frequency  -25 NC  -41.8 mA
Output Type:  Output Function  NO/NC Switchable Output  Connection  Pre-Four Wired Cable Connect  Connector Type  Cable  Operating Voltage  20-250 VAC  Switching Frequency  <25 Hz  Operating Temperature  -25 °C - +70 °C  Current Consumption  AC Output  AC Output  AC Output  NO/NC Switchable Output  Cable  Cable  -25 VAC  Switching Frequency  <25 Hz  -25 °C - +70 °C  <
Output Function  NO/NC Switchable Output  Connection  Pre-Four Wired Cable Connect  Connector Type  Cable  Operating Voltage  Switching Frequency  Operating Temperature  -25 °C - +70 °C  Current Consumption  NO/NC Switchable Output  Cable  -25 C - +70 °C  -25 NC - +70 °C
Connection Pre-Four Wired Cable Connect  Connector Type Cable  Operating Voltage 20-250 VAC  Switching Frequency <25 Hz  Operating Temperature -25 °C - +70 °C  Current Consumption <1.8 mA
Connector Type Cable Operating Voltage 20-250 VAC Switching Frequency <25 Hz Operating Temperature -25 °C - +70 °C Current Consumption <1.8 mA
Operating Voltage 20-250 VAC  Switching Frequency <25 Hz  Operating Temperature -25 °C - +70 °C  Current Consumption <1.8 mA
Switching Frequency <25 Hz  Operating Temperature -25 °C - +70 °C  Current Consumption <1.8 mA
Operating Temperature -25 °C - +70 °C  Current Consumption <1.8 mA
Current Consumption <1.8 mA
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IP Rating: IP68
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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 NO
Reverse Polarity Protected NO
Max Current 400 mA
Leakage Current <1.8 mA
Surge Current 5 A (20 ms)
Response Time 10 ms/10 ms
Hysteresis <15%(Sr)
Overload Trip Point -
Weld Field Immune No
Weld Spatter Resistant No
Body Length (mm) 74

