



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

Part Number

FCP2-D3420NU

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 same-day 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



Dimensions

Body Length (mm)
45

Technical Data

Body Style	Cylindrical
Sensor Housing Material	PBT Plastic
Sensor Face Material	PBT Plastic
Mounting Style	Unshielded
Diameter	34 mm Smooth
Sensing Range:	20 mm range
Output Type:	Namur Output
Output Function	Namur Output
Connection	Pre-Two Wired Cable Connect
Connector Type	Cable
Operating Voltage	6-12VDC
Switching Frequency	100 Hz
Operating Temperature	-25 °C – +70 °C
Current Consumption	>2.2mA(OFF)
IP Rating:	IP68
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	—
Leakage Current	—
Surge Current	-
Response Time	1 ms/1 ms
Hysteresis	<15%(Sr)
Overload Trip Point	-
Weld Field Immune	No
Weld Spatter Resistant	No
Body Length (mm)	45



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