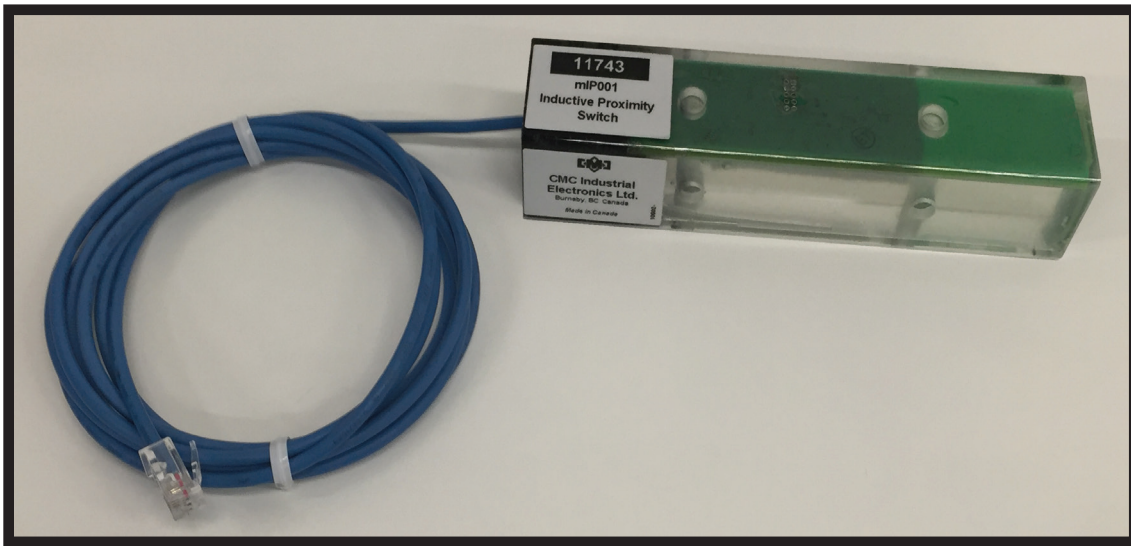


# mIP001

INDUCTIVE PROXIMITY SENSOR

IDEAL FOR SLACK CHAIN SENSING APPLICATIONS

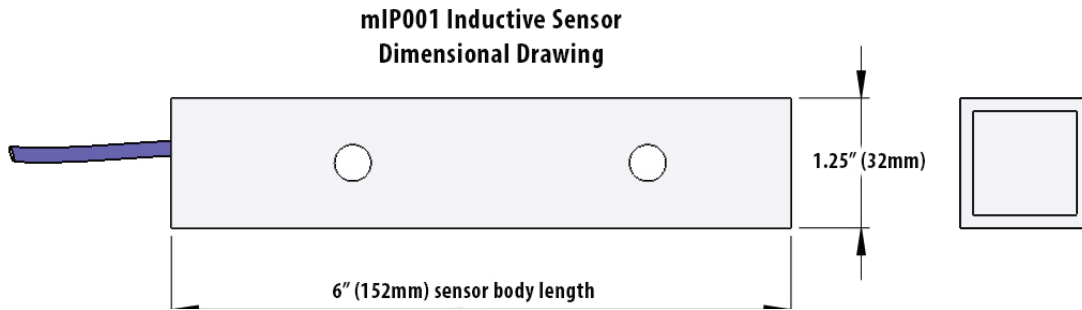


## Features and Benefits

- Detects the presence or absence of metallic objects or surfaces
- Ideal for use on product overflow relief doors on chain, bucket, and belt conveyors
- Rugged dust tight and water resistant construction
- Designed for use in hazardous locations (Class 2, Div. 1)
- Easy field calibration using EZTest tool – reduced maintenance costs
- Easy integration into CMC HazMon network – reduced installation costs
- Single-wire, Intrinsically Safe design – reduces cable and conduit costs

# mIP001 INDUCTIVE PROXIMITY SENSOR

## mIP001 Dimensional Drawing



## mIP001 Specifications

Description	Characteristics
Power Supply	1-Wire Bus – Intrinsically Safe, 5V
Supply Tolerance	± 10%
Power Consumption	9mA
Operating Temperature	-40°F to +158°F (-40°C to +70°C)
Sensing Range	0.4" (10mm) Typical
Output	1-Wire Bus
Overall Capacitance	50uF
Overall Inductance	0mH
Contact Rating	No Contacts
Calibration	Field calibrated using EZTester mDT001
LED Indication	RED = Material Present. GREEN = Sensor Status
Cable Length	7 feet (2.13 meters)
Enclosure	Polycarbonate
Weight	10 ounces
Protection	Dust Tight and Water Resistant
Dimensions	1.25" x 1.25" x 6" (32mm x 32mm x 152 mm)
Approvals	Intrinsically Safe for Class 2, Division 1 when used with mBC083 Bus Converter

MIP001 DS A00

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