

E2E-X10MF1-M1

Proximity Sensor - 10V to 40V DC - Inductive, Unshielded - Ferrous Metals - PNP Output - IP67

Product ID: 154510



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E2E-X10MF1-M1 Proximity Sensor

Unit Type: Unshielded, Inductive Proximity Sensor

Dimensions: 1.14" x 2.16" x 1.14"

Barrel Size: 0.7086" (M18)

Weight: 0.375 lbs

Voltage: 10V DC to 40V DC

Current: 13mA

Power Configuration: DC 3-wire

Sensing Method: Inductive

Sensing Distance: 0.39" +/- 10%

Sensing Object: Ferrous Metal

Standard Sensing Object: Iron

Indicator Light: Red

Configuration: NO

Control Output: PNP

Ratings

IP67

Control Output - Switching Capacity: 200mA

Protection: Output Short-cut, Reverse Polarity, Surge Suppressor

Ambient Temperature Rating: -40°C to +85°C

Ambient Humidity: 35 to 95%

Materials: Brass Nickel Plating, Polybutylene Terephthalate, Iron Zinc Plating

Mount: Panel

Connection: 0.4724" (M12)

Special Orders- Requirements

Contact us for special requirements

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The Larson Electronics E2E-X10MF1-M1 Proximity Sensor is a compact inductive sensing device used to detect ferrous metals. This unit features compatibility with 10V DC to 40V DC and takes on an NO configuration. Constructed of brass nickel/iron zinc plating and polybutylene terephthalate, the 3-wire unshielded sensor can be mounted on panels or racks.

The E2E-X10MF1-M1 is an inductive, cylindrical proximity sensor for detecting ferrous metals, including iron, stainless steel, brass and aluminum. This 3-wire unit operates with 10V DC to 40V DC @ 13mA. Equipped with a maximum sensing distance of 0.39" (+/- 10%), the unit contains an NO configuration (output is ON signal during operation or as the target object passes by the sensing zone). A red indicator light advises operators about the status of the industrial sensor.

The IP67-rated, unshielded proximity sensor is constructed of brass nickel plating, polybutylene terephthalate and iron zinc plating. Protective features include the following: output short-cut, reverse polarity and surge suppressor.

Wiring/Mount: The E2E-X10MF1-M1 features a 0.4724" (M12) hub for connection during installation. This inductive proximity sensor is designed to be mounted on panels or racks.

Applications: Manufacturing, industrial processing, detection of ferrous targets, packaging, warehouses, machining, conveyor belts, scanning, automation, industrial production and more.

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Frequently Asked Questions (FAQ)