



Rating: Not Rated Yet
Price

Description

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II5452 | IIB3010-APOG/US-100-DPO | 115452 | 11B3010-APOG/US-100

[Product Data at IFM {manufacturer} site](#)

II5452

[?] IIB3010-APOG/US-100-DPO Inductive sensors

Product characteristics

- Inductive sensor
- Metal thread M30 x 1.5
- Connector
- Sensing range 10 mm; [f] flush mountable

Electrical data

- Electrical design = DC PNP
- Operating voltage [V] = 18...36 DC
- Current consumption [mA] = 15 (24 V)
- Protection class = III
- Reverse polarity protection = no

Outputs

- Output function = Normally closed
- Voltage drop [V] =
- Current rating [mA] = 125; 150 (...50 °C)
- Short-circuit protection = no
- Overload protection = no
- Switching frequency [Hz] = 300

Range

- Sensing range [mm] = 10
- Real sensing range (Sr) [mm] = $10 \pm 10\%$
- Operating distance [mm] = 0...8.1

Accuracy / deviations

- Correction factors = mild steel = 1 / stainless steel approx. 0.7 / brass approx. 0.4 / Al approx. 0.3 / Cu approx. 0.2
- Hysteresis [% of Sr] = 1...15
- Switch-point drift [% of Sr] = -10...10

Environment

- Ambient temperature [°C] = -25...80
- Protection = IP 67

Mechanical data

- Mounting = flush mountable
- Housing materials = Brass nickel-plated; PBT
- Weight [kg] = 0.137

Displays / operating elements

- Output status indication LED = yellow

Electrical connection

- Connection = M12 connector

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