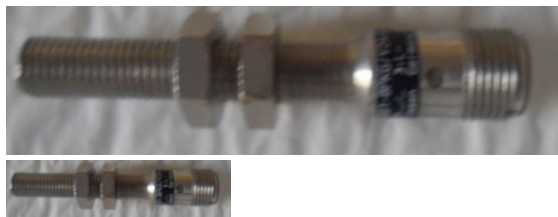


IE5219 | IEK3001-BPKG/V2A/US | IFM Induct.



PNP N/O, 1mm, Flush, M12

Rating: Not Rated Yet

Price

[Ask a question about this product](#)

Description

[Product data at Manufacturer site.](#)

[?Download? data sheet -Click? HERE?](#)

Product characteristics

- Inductive sensor
- Metal thread M8 x 1
- Connector
- Sensing range 1 mm; [f] flush mountable

Electrical data

- Electrical design = DC PNP
- Operating voltage [V] = 10...36 DC; to PELV
- Current consumption [mA] = 15 (24 V)
- Protection class = III
- Reverse polarity protection = yes

Outputs

- Output function = normally open
- Voltage drop [V] =
- Current rating [mA] = 250
- Short-circuit protection = pulsed
- Overload protection = yes
- Switching frequency [Hz] = 2000

Range

- Sensing range [mm] = 1
- Real sensing range (Sr) [mm] = $1 \pm 10 \%$
- Operating distance [mm] = 0...0.8

Accuracy / deviations

- Correction factors = mild steel = 1 / stainless steel approx. 0.7 / brass approx. 0.5 / Al approx. 0.4 / Cu approx. 0.3
- 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 = stainless steel (303S22); LCP; PA (polyamide)
- Weight [kg] = 0.022

Displays / operating elements

- Output status indication LED = yellow (4 x 90°)

Electrical connection

- Connection = M12 connector

```
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- Technical support and troubleshooting assistance available
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- Trusted industrial supplier since 2003

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