

IFK3004-BPOG-US-100-DPS | IF5493 | IFK3004-BPOG/US-100-DPS | M12 4mm NF Dubai



M12|PNP|NO|NF|

Rating: Not Rated Yet

Price

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Description

[Product data from Manufacturer site:](#)

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IF5493

[7] IFK3004-BPOG/US-100MDIOLED

Inductive sensors

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Product characteristics

- Inductive sensor
- Metal thread M12 x 1
- Connector
- Sensing range 4 mm; [nf] non-flush mountable

Electrical data

- Electrical design = DC PNP
- Operating voltage [V] = 10...30 DC
- Current consumption [mA] = 15 (24 V)
- Protection class = II
- Reverse polarity protection = no

Outputs

- Output function = normally open
- Voltage drop [V] =
- Current rating [mA] = 200
- Short-circuit protection = no
- Overload protection = no
- Switching frequency [Hz] = 300

Range

- Sensing range [mm] = 4
- Real sensing range (Sr) [mm] = $4 \pm 10\%$
- Operating distance [mm] = 0...3.25
- 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
- MTTF [Years] = 1685

Mechanical data

- Mounting = non-flush mountable
- Housing materials = Brass white bronze coated; PC (polycarbonate)
- Weight [kg] = 0.028

Electrical connection

- Connection = M12 connector

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