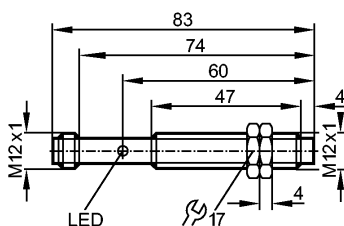


**IF5579**

IFA3004-BPKG/US-100-DPS

Inductive sensors



**Product characteristics**

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

**Electrical data**

Electrical design		DC PNP
Operating voltage [V]		10...36 DC
Current consumption [mA]		15 (24 V)
Reverse polarity protection		yes

**Outputs**

Output function		normally open
Voltage drop [V]		< 2.5
Current rating [mA]		250
Short-circuit protection		yes (non-latching)
Overload protection		yes
Switching frequency [Hz]		400

**Monitoring range**

Sensing range [mm]		4
Real sensing range (Sr) [mm]		4 ± 10 %
Operating distance [mm]		0...3.25

**Accuracy / deviations**

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

**Environment**

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

**Tests / approvals**

EMC		EN 60947-5-2 EN 55011: class B
MTTF [Years]		945

**Mechanical data**

Mounting		non-flush mountable
Housing materials		brass white bronze coated; PC (polycarbonate)
Weight [kg]		0.033

**Displays / operating elements**

**IF5579**

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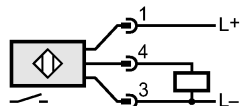
**Inductive sensors**

Output status indication      LED      yellow

**Electrical connection**

Connection      M12 connector

**Wiring**



**Accessories**

Accessories (included)      2 lock nuts

**Remarks**

Pack quantity      [piece]      1