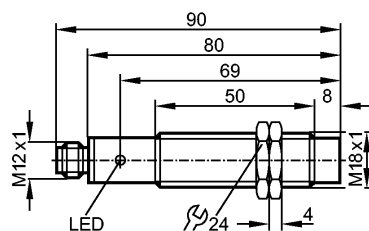


**IG5602**

IGA3008-BPKG/V4A/US-100-DPS

**Inductive sensors**



Made in Germany



**Product characteristics**

Inductive sensor	
Metal thread M18 x 1	
Connector	
Sensing range 8 mm; [nf] non-flush mountable	

**Electrical data**

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

**Outputs**

Output function		normally open
Voltage drop [V]		< 2.5

<b>Current rating</b>		
- Current rating (continuous) [mA]		250
- Current rating (peak) [mA]		250
Short-circuit protection		pulsed
Overload protection		yes
Switching frequency [Hz]		300

**Range**

Sensing range [mm]		8
Real sensing range (Sr) [mm]		8 ± 10 %
Operating distance [mm]		0...6.48

**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

**Tests / approvals**

EMC		EN 60947-5-2 EN 55011: class B
MTTF [Years]		1853

**Mechanical data**

Mounting		non-flush mountable
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## IG5602

IGA3008-BPKG/V4A/US-100-DPS

Inductive sensors

Housing materials	stainless steel 316Ti / 1.4571; active face: PBT (Pocan)
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Weight [kg]	0.067
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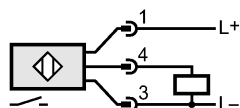
### Displays / operating elements

Output status indication	LED	yellow
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### Electrical connection

Connection	M12 connector; Gold-plated contacts
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#### Wiring



### Accessories

Accessories (included)	2 lock nuts
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### Remarks

Pack quantity [piece]	1
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