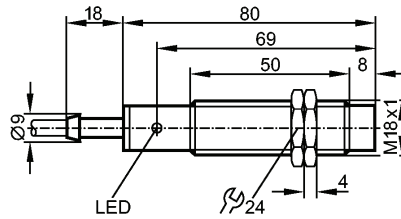


**IG5558**

IGA3008-BPKG/V4A/6M

Inductive sensors



Product characteristics	
Inductive sensor	
Metal thread M18 x 1	
Cable	
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
Current rating [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...6.5
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
Housing materials	stainless steel 316Ti / 1.4571; PC (polycarbonate)
Weight [kg]	0.357

**IG5558**

IGA3008-BPKG/V4A/6M

**Inductive sensors**

**Displays / operating elements**

Output status indication      LED      yellow

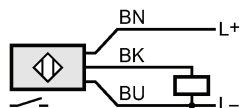
**Electrical connection**

Connection      PVC cable / 6 m; 3 x 0.5 mm<sup>2</sup>

**Wiring**

Core colours

- BK    black
- BN    brown
- BU    blue



**Accessories**

Accessories (included)      2 lock nuts

**Remarks**

Pack quantity      [piece]      1