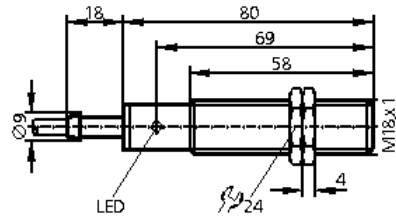


Inductive sensors

IG5399

IG-3005-BPKG
Inductive sensor
Plastic thread M18 x 1
Cable

Sensing range 5mm [f]
flush mountable



Electrical design

Output

DC PNP

normally open

Operating voltage [V]

10...36 DC

Current rating [mA]

250

Short-circuit protection

pulsed

Reverse polarity protection

yes

Overload protection

yes

Voltage drop [V]

< 2.5

Current consumption [mA]

< 15 (24 V)

Real sensing range [mm]

5 ± 10 %

Operating distance [mm]

0...4.05

Switch-point drift [% / Sr]

-10...10

Hysteresis [% / Sr]

1...15

Switching frequency [Hz]

500

Correction factors

mild steel = 1 / stainless steel approx. 0.7 / brass approx. 0.4 / Al approx. 0.3 /
Cu approx. 0.2

Operating temperature [°C]

-25...80

Protection

IP 67 

EMC

EN 60947-5-2

Housing material

PBT

Function display

Switching status LED

yellow

Connection

PVC cable / 2 m; 3 x 0.5 mm²

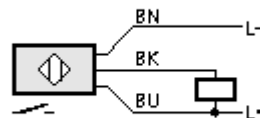
Wiring

Core colours

BN brown

BU blue

BK black



Accessories (included)

2 lock nuts