

Inductive sensors

IGT203

IGB3008BBPKG/M/V4A/US

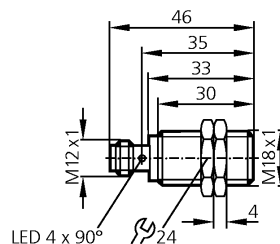
Inductive sensor

Metal thread M18 x 1

Plug and socket

Increased sensing range
gold-plated contacts

Sensing range 8mm [f]
flush mountable



Electrical design

Output

Operating voltage [V]

Current rating [mA]

Short-circuit protection

Reverse polarity protection

Overload protection

Voltage drop [V]

Current consumption [mA]

Operating distance [mm]

Hysteresis [% of Sr]

Switching frequency [Hz]

Correction factors

Operating temperature [°C]

Protection

EMC

Housing material

Function display

Switching status LED

Connection

Remarks

Accessories (included)

DC PNP

normally open

10...36 DC

100

pulsed

yes

yes

< 2.5

< 10 (24 V)

0...6.48

1...20

500

mild steel = 1 / stainless steel approx. 0.8 / brass approx. 0.5 / Al approx. 0.4 / Cu approx. 0.3

0...100

IP 68 / IP 69K *, II

EN 61000-4-2 ESD: 4 kV CD / 8 kV AD

EN 61000-4-3 HF radiated: 10 V/m (80...1000 MHz)

EN 61000-4-4 Burst: 2 kV

EN 61000-4-6 HF conducted: 10 V (0.15...80 MHz)

EN 55011: class B

V4A (316S12); active face: PEEK (polyether ether ketone)

yellow (4 x 90°)

M12 connector; gold-plated contacts

*) "COP"

2 lock nuts

Wiring

