

Product characteristics

Inductive sensor

Metal thread PG 36

Quick disconnect

Sensing range 23 mm; [f] flush mountable

Electrical data

Electrical design

Operating voltage [V]

Current consumption [mA]

Protection class

Reverse polarity protection

Outputs

Output function

Voltage drop [V]

Current rating [mA]

Short-circuit protection

Overload protection

Switching frequency [Hz]

Monitoring range

Sensing range [mm]

Real sensing range (Sr) [mm]

Accuracy / deviations

Correction factors

Hysteresis [% of Sr]

Switch-point drift [% of Sr]

Environment

Ambient temperature [°C]

Protection

Tests / approvals

EMC

MTTF [Years]

Mechanical data

Mounting

Housing materials

Weight [kg]

Displays / operating elements

DC PNP

10...36 DC

15 (24 V)

II

yes

normally open

< 2.5

250

yes (non-latching)

yes

60

23

23 ± 10 %

mild steel = 1 / stainless steel approx. 0.7 / brass approx. 0.5 / aluminium approx. 0.4 / copper approx. 0.3

3...20

-10...10

-40...50

IP 65

EN 60947-5-2

EN 55011:

class B

1838

flush mountable

PBT; TPE; SAN; housing: brass white bronze coated

0.291

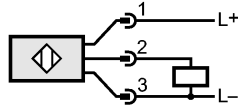
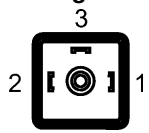
I95007 - Inductive sensor - eclass: 27270101 / 27-27-01-01

Output status indication LED | red

Electrical connection

Connection | valve plug

Wiring



Remarks

Pack quantity [piece] | 1