

Product characteristics

Inductive sensor

Rectangular, plastics

Quick disconnect

Sensing range 20 mm; [nf] non-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]

Operating distance [mm]

Accuracy / deviations

Correction factors

Hysteresis [% of Sr]

Switch-point drift [% of Sr]

Environment

Ambient temperature [°C]

Protection

Tests / approvals

EMC

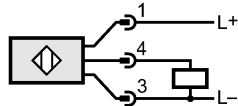
Mechanical data

DC PNP
10...36 DC
15 (24 V)
II
yes
normally open / closed programmable
< 2.5
250
yes (non-latching)
yes
350
20
20 ± 10 %
0...16.2
mild steel = 1 / stainless steel approx. 0.7 / brass approx. 0.4 / aluminium approx. 0.3 / copper approx. 0.2
1...15
-10...10
-25...80
IP 65
EN 60947-5-2
EN 55011: class B

IM8507 - Inductive sensor - eclass: 27270101 / 27-27-01-01

Mounting	non-flush mountable
Housing materials	PPE
Displays / operating elements	
Output status indication LED	red
Electrical connection	
Connection	M12 connector

Wiring



Remarks	
Remarks	5 positions of the active zone possible
Pack quantity [piece]	1