

1: potentiometer



Product characteristics

Inductive sensor

Plastic housing  $\varnothing$  164 / 180 x 210 mm

Quick disconnect

with mounting plate

Sensing range 120 mm; adjustable 30...120 mm; [nf] non-flush mountable

Electrical data

Electrical design

AC

Operating voltage [V]

90...250 AC (47...63 Hz)

Protection class

I

Reverse polarity protection

no

Outputs

Output function

normally open

Voltage drop [V]

< 11

Minimum load current [mA]

15

Leakage current [mA]

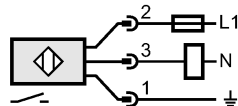
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**Current rating**

**I22006 - Inductive sensor - eclass: 27270101 / 27-27-01-01**

- Current rating (continuous) [mA]	200; 250 (...50 °C)
- Current rating (peak) [mA]	î: 1.5 A (10 ms / 0.5 Hz)
Short-circuit proof	no
Overload protection	no
Switching frequency [Hz]	3
Monitoring range	
Sensing range [mm]	120, adjustable 30...120 mm
Real sensing range (Sr) [mm]	120 ± 10 %
Accuracy / deviations	
Correction factors	mild steel = 1 / stainless steel approx. 0.7 / brass approx. 0.4 / aluminium approx. 0.3 / copper approx. 0.2
Hysteresis [% of Sr]	< 15
Switch-point drift [% of Sr]	-15...15
Environment	
Ambient temperature [°C]	-20...70
Protection	IP 65
Tests / approvals	
EMC	EN 60947-5-2
Mechanical data	
Mounting	non-flush mountable
Housing materials	housing: PBT; Mounting plate: aluminum anodized
Weight [kg]	1.605
Displays / operating elements	
Output status indication LED	yellow
Electrical connection	
Connection	7/8" connector

**Wiring**



Note: miniature fuse to IEC60127-2 sheet 1, ≤ 2 A (fast acting)

Remarks	
Remarks	Recommendation: check the unit for reliable function after a short circuit.
Pack quantity [piece]	1