

Product characteristics

Rectangular, plastics

Quick disconnect

Sensing range 4 mm; [nf] non-flush mountable

Electrical data

Electrical design

Operating voltage	[V]
Protection class	
Reverse polarity protection	

AC/DC

20...140 AC / 10...140 DC (47...63 Hz AC)

II

no

Outputs

Output function

2 x normally open

Voltage drop	[V]
Minimum load current	[mA]
Leakage current	[mA]

< 5

5

< 0.8

Current rating

- Current rating (continuous)	[mA]
- Current rating (peak)	[mA]

200

\hat{i} : 0.9 A (20 ms / 0.5 Hz)

Short-circuit protection

no

Overload protection

no

Switching frequency

25

Monitoring range

Sensing range	[mm]
Real sensing range (Sr)	[mm]
Operating distance	[mm]

4

$4 \pm 10 \%$

0...3.25

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]
Switch-point drift	[% of Sr]

3...15

-10...10

Environment

Ambient temperature	[°C]
Protection	

-25...80

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Tests / approvals

EMC	
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EN 60947-5-2

EN 55011:

class B

Mechanical data

Mounting	
Housing materials	

non-flush mountable

stainless steel (303S22); PBT

Displays / operating elements

Output status indication	LED
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2 x red

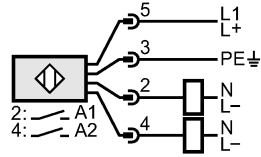
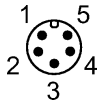
Electrical connection

U60033 - - eclass: 27270101 / 27-27-01-01

Connection

7/8" connector

Wiring



Accessories

Accessories (included)

1 Target puck (order no. U20129)

1 Socket (order no. E18105)

Remarks

Pack quantity

[piece]

1