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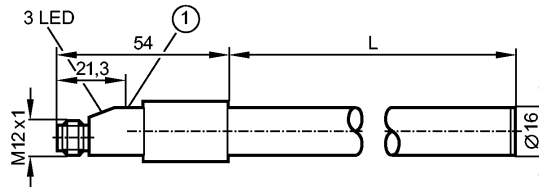
efector160

LI5041



LI0132--K-00KNPKG/US

Level sensors



1: Programming button



Product characteristics

Binary level sensor

Quick disconnect

gold-plated contacts

Probe length: L = 132 mm

1 switching output

Application

Application

coolants / oils
cannot be used for acids and alkalis

Medium temperature [°C]

0...65 **)

Electrical data

Electrical design

DC PNP

Operating voltage [V]

10...36 DC

Current consumption [mA]

13 (24 V)

Protection class

II

Reverse polarity protection

yes

Outputs

Output

1 switching output

Output function

normally open / closed programmable

Current rating [mA]

250

Voltage drop [V]

< 2.5

Short-circuit protection

yes (non-latching)

Overload protection

yes

Switching frequency [Hz]

5

Measuring / setting range

Probe length L [mm]

132

Environment

Ambient temperature [°C]

-25...80

Maximum vessel pressure [bar]

0.5 (mounted with mounting accessories E43001 - E43007)

Protection

IP 67

Tests / approvals

EMC

EN 61000-4-2 ESD: 15 kV CD / 8 kV AD
EN 61000-4-3 HF radiated: 10 V/m
EN 61000-4-4 Burst: 2 kV coupling clamp
EN 61000-4-6 HF conducted: 10 V (500 Ω AC)

Mechanical data

Materials (wetted parts)

PP (polypropylene)

Housing materials

PP (polypropylene); TPE / V

Weight [kg]

0.137

Displays / operating elements

Display

Power LED green
Switching status LED green
Unsafe zone LED red

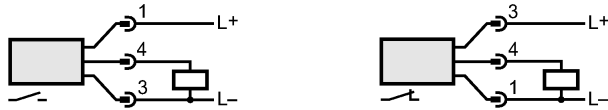
LI5041 - Binary level sensor - eclass: 27371813 / 27-37-18-13

Electrical connection

Connection

M12 connector; gold-plated contacts

Wiring



Remarks

Remarks

**) for water and hydrous media with temperatures > 35 °C install the unit into a climatic tube (order no. E43103)

Pack quantity

[piece]

1

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