

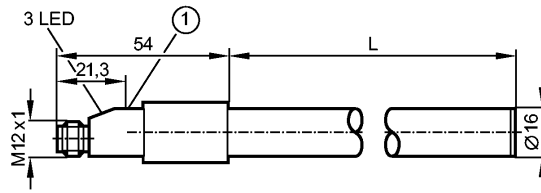
LI5042

LI0273--K-00KNPKG/US

Level sensors

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1: Programming button



Product characteristics

Binary level sensor
Quick disconnect
gold-plated contacts
Probe length: L = 273 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]	273
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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

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Materials (wetted parts)	PP (polypropylene)
Housing materials	PP (polypropylene); TPE / V
Weight [kg]	0.17

Displays / operating elements

Display	Power LED green Switching status LED yellow Unsafe zone LED red
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Electrical connection

Connection	M12 connector; gold-plated contacts
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Wiring



Remarks

Remarks	**) for water and hydrous media with temperatures > 35 °C install the unit into a climatic tube (order no. E43100)
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Pack quantity [piece]	1
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