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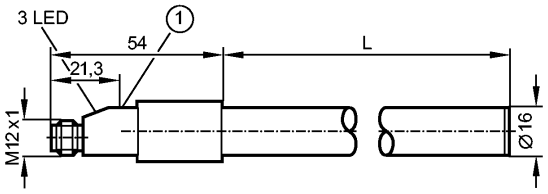
efector160

LI5044

LI0737--K-00KNPKG/US

Level sensors



1: Programming button

CE

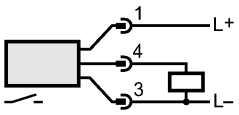
Product characteristics		
Binary level sensor		
Quick disconnect		
gold-plated contacts		
Probe length: L = 737 mm		
1 switching output		
Application		
Application		coolants / oils cannot be used for acids and alkalis
Medium temperature	[°C]	0...55 **)
Electrical data		
Electrical design		DC PNP
Operating 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]	737
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]	0.343
Displays / operating elements		
Display		Power LED green Switching status LED yellow Unsafe zone LED red

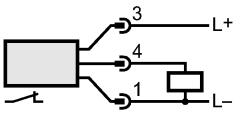
LI5044 - Binary level sensor - eclass: 27371813 / 27-37-18-13

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. E43102)
Pack quantity [piece]	1

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