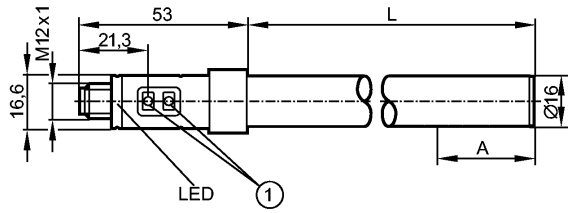
LI2141

LI0132--K-00KNPKG/US/WHG

Level sensors



1: Programming buttons

Product characteristics		
Binary level sensor		
Quick disconnect		
gold-plated contacts		
WHG § 19 approved		
Probe length: L = 132 mm		
1 switching output		
Application		
Application		Hydrous coolants, oils, water, media similar to water
Recommended media		Hydrous coolants, oils, water, media similar to water
Cannot be used for:		granulates and bulk materials, acids and alkalis, hygienic and electroplating applications
Dielectric constant medium		> 1.8
Medium temperature oil	[°C]	0...65
Medium temperature water and hydrous media	[°C]	0...35
Electrical data		
Electrical design		DC PNP
Operating voltage	[V]	10...36 DC
Current consumption	[mA]	22 (24 V)
Protection class		III
Reverse polarity protection		yes
Outputs		
Output		1 switching output
Output function		normally closed
Current rating	[mA]	200
Voltage drop	[V]	< 2.5
Short-circuit protection		yes (non-latching)
Overload protection		yes
Measuring / setting range		
Probe length L	[mm]	132
Active range A	[mm]	31
Environment		
Ambient temperature	[°C]	0...65
Maximum vessel pressure	[bar]	+/- 0.5 (mounted with mounting accessories E43001 - E43007)
Protection		IP 65 / IP 67
Tests / approvals		

efector160

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Approval		WHG § 19
EMC	EN 61000-6-2 EN 61000-6-4	: 2005 + corr. 2005 : 2007
Shock resistance	DIN EN 60068-2-29:	12 g (11 ms)
Vibration resistance	DIN EN 60068-2-6	5 g (10...2000 Hz)
MTTF [Years]		608

Mechanical data

Materials (wetted parts)	PP
Housing materials	PP GF30; TPE-U
Weight [kg]	0.165

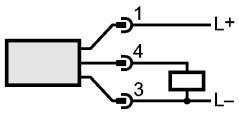
Displays / operating elements

Display	Power	LED green
	Switching status	LED yellow

Electrical connection

Connection	M12 connector; gold-plated contacts

Wiring



Remarks

Remarks		cULus - Class 2 source required
Pack quantity [piece]		1