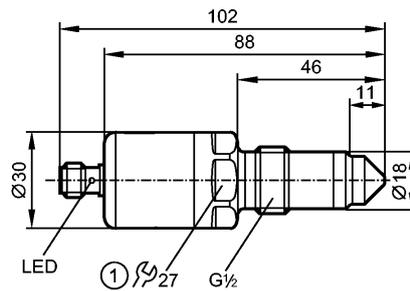


LMT100

LMACE-A12E/QPKG/0/US

Level sensors



1: tightening torque 20...25 Nm



EHEDG Certified



Made in Germany

Product characteristics

Electronic level sensor

Connector

Process connection: G 1/2 A

Gold-plated contacts

Probe length: 11 mm

2 switching outputs

Application

Application: water, water-based media

Recommended media: water, water-based media

Cannot be used for: oils, grease

Medium temperature water and hydrous media

- Continuous [°C]: 0...85

- Short time [°C]: 0...150 (1 h)

Electrical data

Electrical design: DC PNP

Operating voltage [V]: 18...30 DC

Current consumption [mA]: < 40

Protection class: III

Reverse polarity protection: yes

Outputs

Output: 2 switching outputs

Output function: normally open / closed complementary

Current rating [mA]: 50

Voltage drop [V]: < 2.5

Short-circuit protection: pulsed

Overload protection: yes

Environment

Ambient temperature [°C]: 0...60

Storage temperature [°C]: -25...80

Maximum vessel pressure [bar]: -1...16

Protection: IP 68 / IP 69K

Tests / approvals

EMC: IEC 61000-6-2 : 2005
IEC 61000-6-4 : 2006 / (open tanks)

LMT100

LMACE-A12E/QPKG/0/US

Level sensors

	IEC 61000-6-3	: 2006 / (closed tanks)
Shock resistance	IEC 60068-2-27:	50 g (11 ms)
Vibration resistance	DIN EN 60068-2-6:	20 g (10...2000 Hz)
MTTF [Years]		469.99

Mechanical data

Process connection	G ½ A	
Materials (wetted parts)	PEEK; surface characteristics: Ra < 0.8	
Housing materials	1.4404; PEEK; PA12-GF30; FKM	
Weight [kg]	0.169	

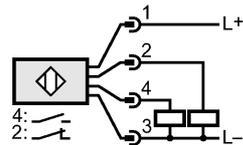
Displays / operating elements

Display	Switching status LED yellow
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Electrical connection

Connection	M12 connector; Gold-plated contacts
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Wiring



Remarks

Pack quantity [piece]	1
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