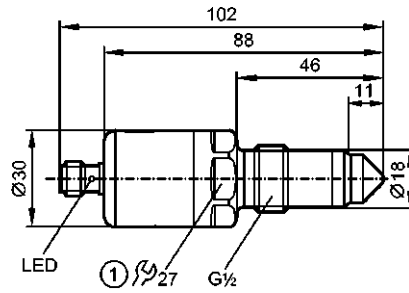


LMT100

LMACE-A12E/QPKG/0/US

Level sensors



1: tightening torque 20...25 Nm



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	

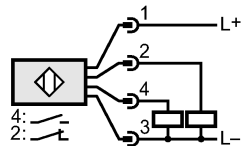
Displays / operating elements

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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