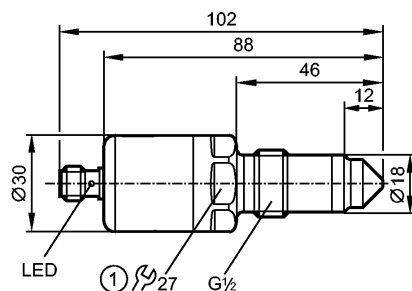


LMT110

LMACE-A12E/QPKG/1/US

Level sensors



1: tightening torque 20...25 Nm



EHEDG Certified



Made in Germany

Product characteristics

Electronic level sensor

Quick disconnect

Process connection: G 1/2 A

gold-plated contacts

2 switching outputs

Application

Application oils, grease

Medium temperature oil

- Continuous	[°C]	0...100
- 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	Yes (non-latching)
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)
	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)

LMT110

LMACE-A12E/QPKG/1/US

Level sensors

MTTF	[Years]	469.99
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Mechanical data

Process connection	G ½ A
Materials (wetted parts)	PEEK; surface characteristics: Ra < 0.8
Housing materials	stainless steel 316L / 1.4404; PEEK; PA12-GF30; FPM (Viton)
Weight	[kg] 0.173

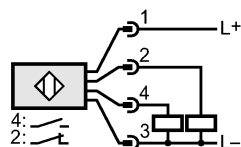
Displays / operating elements

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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Other data

Recommended media	oils, grease
Cannot be used for:	Water, water-based medium