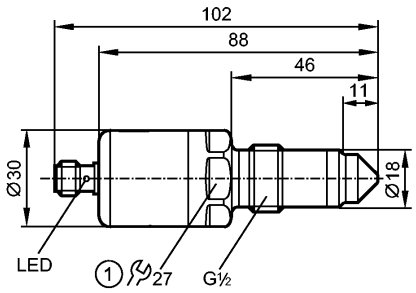
efector160

LMT100

LMACE-A12E/QPKG/0/US

Level sensors



1: tightening torque 20...25 Nm

Made in Germany

EHEDG Certified

Product characteristics		
Electronic level sensor		
Connector		
Process connection: G ½ 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

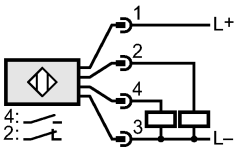
Display		Switching status LED yellow

Electrical connection

Connection		M12 connector; Gold-plated contacts

Wiring





Remarks

Pack quantity	[piece]	1