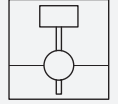




Magnetic Immersion Probe for Continuous Measurement



LMC-S

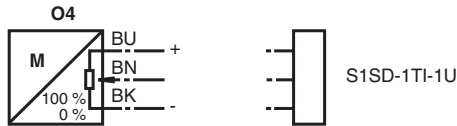
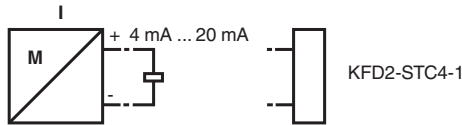
- Sensor for continuous level measurement in liquids
- Resolution 5 mm or 15 mm
- Media contacting parts of stainless steel
- Mounting without removing the float



Function

The device is a sensor for continuous level measurement in liquids. A ring magnet integrated in the float activates a reed contact resistance chain inside the probe tube via its magnetic field. If the level changes, the resistance chain changes its total resistance by closing the contact at the float level. The resistance is converted into a standardised output signal by a control unit. This output signal is proportional to the level of the measured medium.

Connection



Technical Data

Dimensions	float: - version S1: ball Ø80 mm - version S2: cylinder Ø44 mm x 52 mm - version S3: ball Ø52 mm guide tube: - version LMC5: Ø14 mm, max. length 3000 mm - version LMC15: Ø12 mm, max. length 3000 mm terminal box: 80 x 75 x 55 mm
Process connection	thread G1/2A, G1-1/2A to DIN/ISO 228/1
General information	
Supplementary information	Observe the certificates, declarations of conformity, instruction manuals, and manuals where applicable. For information see www.pepperl-fuchs.com .
Accessories	
Designation	- LML-FS1 float, ball, Ø80 mm, 1.4571/316Ti - LML-FS4 float, ball, Ø44 mm, 1.4571/316Ti - LML-FS5 float, ball, Ø52 mm, Titanium - LML-FS6 float, cylinder, Ø44 mm x 52 mm, 1.4571/316Ti

Type Code

This overview does not mark options which are mutually exclusive.

L	M	C	(1)	S	(2)	-	(3)	S	-	(4)	/	L
LMC	Device											
LMC	Magnetic immersion probe for continuous measurement											
(1)	Resolution											
05	5 mm											
15	15 mm											
S	Guide tube material											
S	Stainless steel 1.4571/316Ti											
(2)	Float											
1	Ball, Ø80 mm, stainless steel 1.4571/316Ti											
2	Cylinder, Ø44 mm x 52 mm, stainless steel 1.4571/316Ti											
3	Ball, Ø52 mm, stainless steel 1.4571/316Ti											
(3)	Process connection											
G2	Thread G1/2A, DIN/ISO 228/1											
G5	Thread G1-1/2A, DIN/ISO 228/1											
S	Process connection material											
S	Stainless steel 1.4571/316Ti											
(4)	Electrical output											
I	2-wire, 4 mA to 20 mA											
O4	3-wire, potentiometer connection approx. 40 kΩ											
L	Guide tube length											
Length	Specified length, max. 3000 mm											