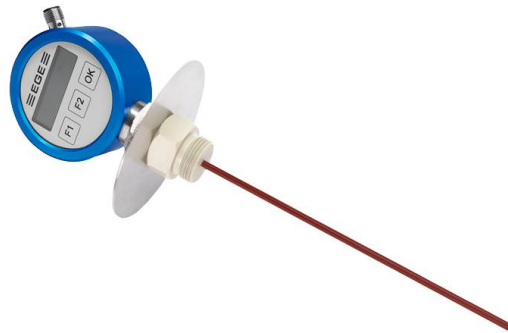


Sensors with the guided microwave measuring principle for precise filling level measurement | MFP 075K GPP-LMF030

- Precise measurement with TDR technology
- Programmable with digital display
- Mono rod probe
- Parts in contact with medium free from metal
- Analogue or with switching points series MFP 075K...LMF
- Parts in contact with medium free from metal thanks to PFA-coating and PEEK thread
- Independent of conductivity, viscosity and media consistency
- Reliable and wear-free: no moving parts
- For the filling level measurement of aggressive media



G3/4 - sensor length 300 mm - Output PNP programmable

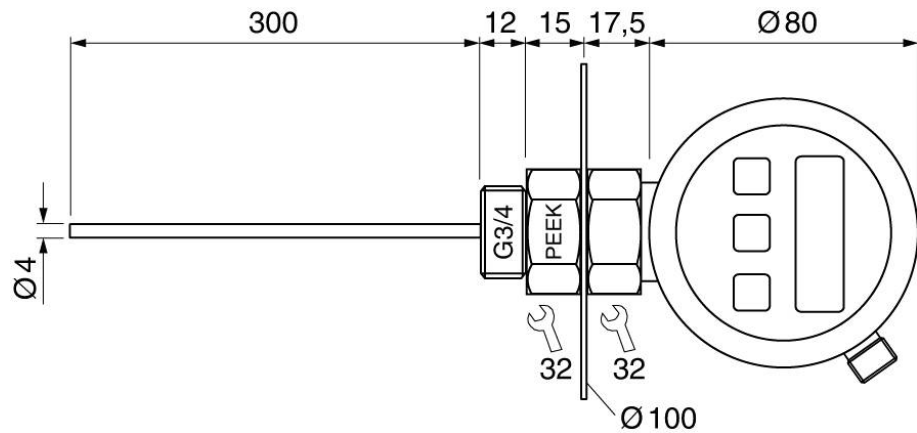
TYPE	MFP 075K GPP-LMF030
Product ID	P21237
Design	single probe
Sensor length L	300 mm
Output	switching output
Output function	PNP-NO / NC
Supply voltage	20 V DC ... 27 V DC
Current consumption max.	45 mA
Switching current max.	200 mA
Reverse polarity protection	✓
measurement accuracy	10 mm
Transition zone*	top: 40 mm, bottom: 25 mm
Ambient temperature	0 °C ... 70 °C
Medium temperature	0 °C ... 80 °C
For Media with minimum DK ϵ_r	≥ 20

Compressive strength (at 25°C)	10 bar
Material sensor touched by medium	PEEK, PFA
Material housing	stainless steel AISI 316 Ti, aluminium
Seal material	NBR, other materials on request
Display	digital display
Protection [EN 60529]	IP67
Electrical connection	M12 connector
Accessories	connecting cable SLG 3... or SLW 3..., connecting cable SLG 4... or SLW 4...

Note

* Transition zone: Depending on the installation conditions and the medium, deviations from the specified measuring accuracy can occur in this area.

Technical Image



Pin Map

