Sensors with the guided microwave measuring principle for precise filling level measurement | MFP 075 GA-LM050

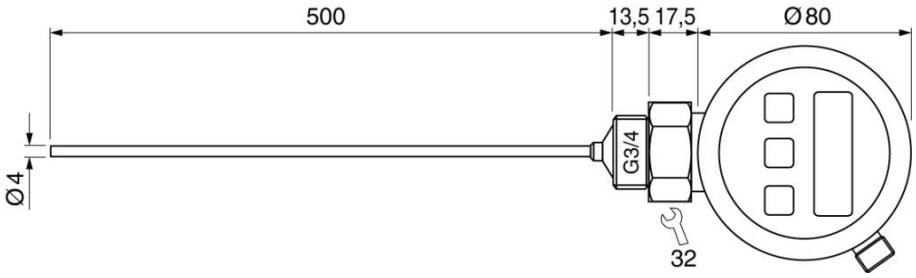
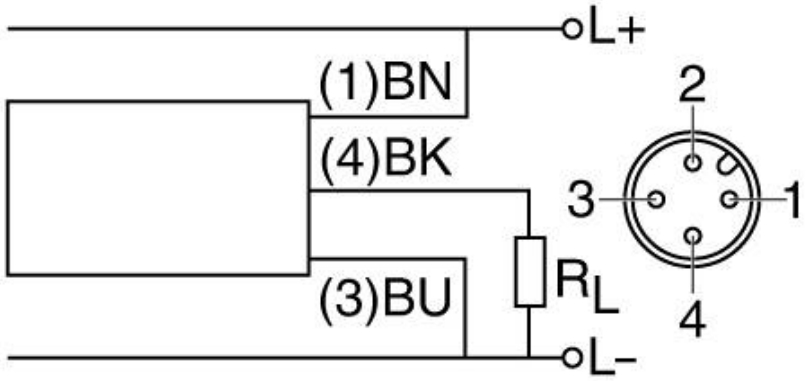
- Precise measurement with TDR technology
- Programmable with digital display
- Mono rod probe
- Analogue or with switching points series MFP...LM
- Mono rod: For aqueous media and media with a DK value of > 20
- Independent of conductivity, viscosity and media consistency
- Reliable and wear-free: no moving parts
- For the reliable filling level measurement in water based media



G3/4 - sensor length 500 mm - Output 4...20 mA

TYPE	MFP 075 GA-LM050
Product ID	P21200
Design	single probe
Sensor length L	500 mm
Output	analog output 4...20 mA
Supply voltage	20 V DC ... 27 V DC
Current consumption max.	45 mA
Load RL	200 Ω ... 500 Ω
Reverse polarity protection	✓
measurement accuracy	5 mm
Transition zone*	top: 25 mm, bottom: 15 mm
Ambient temperature	0 °C ... 70 °C
Medium temperature	0 °C ... 80 °C
For Media with minimum DK εr	≥ 20
Compressive strength (at 25°C)	10 bar
Material sensor touched by medium	stainless steel AISI 316 Ti, PTFE

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Material housing	aluminium
Seal material	NBR, AFM 34, other materials on request
Display	digital display
Protection [EN 60529]	IP67
Electrical connection	M12 connector
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	

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