

# Sensors with the guided microwave measuring principle for precise filling level measurement | MFP 075 GA-LK030

- Precise measurement of the filling level with TDR technology
- Programmable with digital display
- Coaxial probe
- Analogue or with switching points
- Due to the coaxial probe particularly suited for tight installation spaces and reliable detection of media with low DK
- Value Independent of conductivity, viscosity and media consistency
- Reliable and wear-free: no moving parts
- For oil and media with low DK value
- Specially suited for difficult to detect media



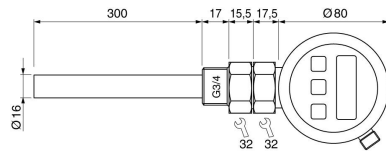
## G3/4 - sensor length 300 mm - Output 4...20 mA

<b>TYPE</b>	MFP 075 GA-LK030
<b>Product ID</b>	P21217
<b>Design</b>	coaxial probe
<b>Sensor length L</b>	300 mm
<b>Output</b>	analog output 4...20 mA
<b>Supply voltage</b>	20 ... 27 VDC
<b>Current consumption max.</b>	45 mA
<b>Reverse polarity protection</b>	✓
<b>measurement accuracy</b>	5 mm
<b>Transition zone*</b>	top: 25 mm, bottom: 25 mm
<b>Ambient temperature</b>	0 ... 70 °C
<b>Medium temperature</b>	0 ... 80 °C
<b>For Media with minimum DK <math>\epsilon_r</math></b>	$\geq 2$
<b>Compressive strength (at 25°C)</b>	10 bar
<b>Material sensor touched by medium</b>	stainless steel AISI 316 Ti, POM, PTFE

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

