

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

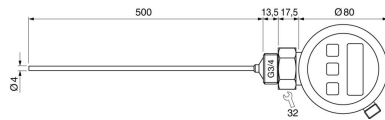


## G3/4 - sensor length 500 mm - Output PNP programmable

<b>TYPE</b>	MFP 075 GPP-LM050
<b>Product ID</b>	P21204
<b>Design</b>	single probe
<b>Sensor length L</b>	500 mm
<b>Output</b>	switching output
<b>Output function</b>	PNP-NO / NC
<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: 15 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>	$\geq 20$
<b>Compressive strength (at 25°C)</b>	10 bar
<b>Material sensor touched by medium</b>	stainless steel AISI 316 Ti, 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...
<b>Note</b>	* 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

