



Microwave meter

Analog output or
2x PNP output

High precision

Wetted parts are
non-metallic

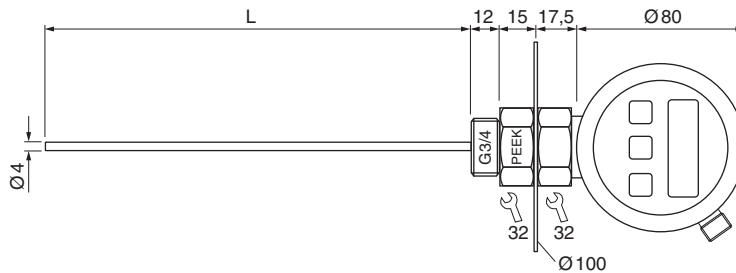
Guided Microwave



Design

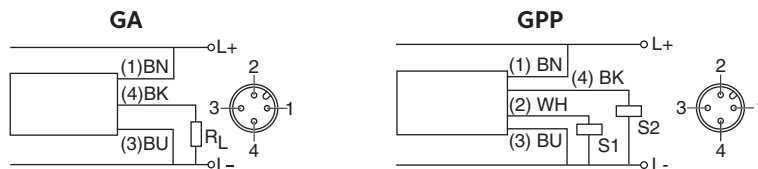
DC Analog / DC PNP • G3/4

Dimensions



Design	Single probe	Single probe	<p>Sensor length</p> <p>The total length L of the sensors is specified by appending „xxx“ to the type.</p> <p>xxx: Length in cm</p> <p>Preferred lengths single probe ID-No.</p> <p>300 mm: LMF030 P21235</p> <p>500 mm: LMF050 P21236</p> <p>Preferred lengths single probe ID-No.</p> <p>300 mm: LMF030 P21237</p> <p>500 mm: LMF050 P21238</p> <p>Note:</p> <p>Different lengths available on request.</p>
Output	4...20 mA, linear 	2x PNP, programmable 	
ID-No.	P....	P....	
Type-sensorlength L	MFP 075K GA-LMFxxx	MFP 075K GPP-LMFxxx	
Supply voltage [V]	20...27 DC	20...27 DC	
Current consumption [mA]	< 45	< 45	
Current output [mA]	4...20	-	
Load resistance R_L [Ω]	200...500	-	
Switching current [mA]	-	200	
Reverse protection [mm]	•	•	
Precision [mm]	10	10	
Transition zone* [mm]	top: 40, bottom: 15	top: 40, bottom: 15	
Ambient temperature [°C]	0...+70	0...+70	
Medium temperature [°C]	0...+80	0...+80	
Sensitivity [ε_r]	≥20	≥20	
Protection [EN 60529]	IP 67	IP 67	
Housing material	Aluminium, AISI 316 Ti		
Material	PEEK, PFA		
Sealing material	NBR, different material on request		
Compressive strength [bar]	10 (25 °C)		
Connection	M12 connector		

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



Accessories connecting cable SLG / SLW 3..., SLG / SLW 4..., see page 2.38