

Microwave meter

Series MFP

Analog output or
2x PNP output

High precision

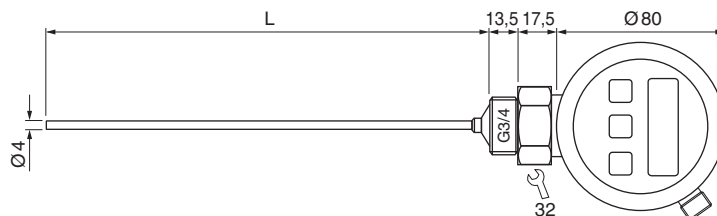
Probe surface coated
for aggressiv media

Guided Microwave



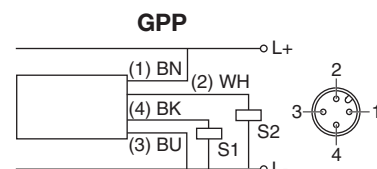
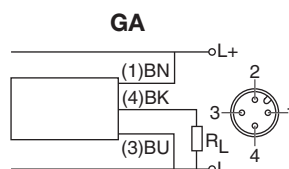
Design DC Analog / DC PNP • G3/4

Dimensions



Design	Single probe	Single probe	Sensor length The total length L of the sensors is specified by appending „xxx“ to the type. xxx: Length in cm Preferred lengths single probe ID-No. 300 mm: LMF030 P21229 500 mm: LMF050 P21230 800 mm: LMF080 P21231 Preferred lengths single probe ID-No. 300 mm: LMF030 P21232 500 mm: LMF050 P21233 800 mm: LMF080 P21234 Note: Different lengths available on request.
Output	4...20 mA, linear 	2x PNP, programmable 	
ID-No.	P....	P....	
Type-sensorenlength L	MFP 075 GA-LMFxxx	MFP 075 GPP-LMFxxx	
Supply voltage [V]	20...27 DC	20...27 DC	
Current consumption [mA]	< 45	< 45	
Current output [mA]	4...20	-	
Load resistance RL [Ω]	200...500	-	
Switching current [mA]	-	200	
Reverse protection [mm]	•	•	
Precision [mm]	5	5	
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 [εr]	≥ 20	≥ 20	
Protection [EN 60529]	IP 67	IP 67	
Housing material	Aluminium		
Material	AISI 316 Ti, PTFE, PFA		
Sealing material	NBR, different material on request		
Compressive strength [bar]	10 (25 °C)		
Connection	M12 connector		

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



Accessories connecting cable SLG / SLW 3..., SLG / SLW 4...