

Microwave meter

Series MFP

Analog output or
2x PNP output

High precision
Easy cleaning

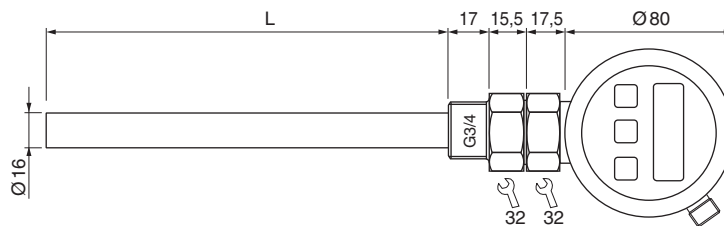
Liquids from oil to water




Guided Microwave



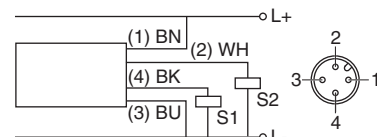
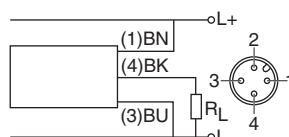
Design DC Analog / DC PNP • G3/4

Dimensions



Design	Koax probe	Koax probe	
Output	4...20 mA, linear 	2x PNP, programmable  	Sensor length The total length L of the sensor is specified by appending "xxx" to the type. xxx: Length in cm Preferred lengths GA ID-No. 300 mm: LK030 P21217 500 mm: LK050 P21218 800 mm: LK080 P21219 Preferred lengths GPP ID-No. 300 mm: LK030 P21214 500 mm: LK050 P21215 800 mm: LK080 P21216
ID-No.	P.....	P.....	
Type-sensorenlength L	MFP 075 GA-LKxxx	MFP 075 GPP-LKxxx	
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]	5	5	
Transition zone* [mm]	top: 25, bottom: 25	top: 25, bottom: 25	
Ambient temperature [°C]	0...+70	0...+70	
Medium temperature [°C]	0...+80	0...+80	
Sensitivity [ε _r]	≥ 2	≥ 2	
Protection [EN 60529]	IP 67	IP 67	
Housing material	Aluminium		
Material	AISI 316 Ti, PTFE, POM		
Sealing material	NBR, AFM 34, 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..., see page 2.45