

## Microwave meter

### Series MFM

High precision  $\pm 3$  mm

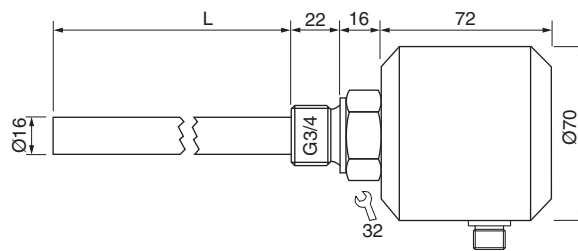
Liquids from  
oil to water

Guided microwave



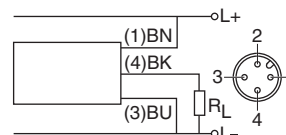
### Design DC Analog • G3/4

#### Dimensions



Output	4...20 mA, linear	<b>Sensor length</b>  The total length L of the sensor is specified by appending "Lxxx" to the type.  xxx: Length in cm  <b>Preferred lengths</b> <b>ID-No.</b> 500 mm: L050            P21197050 1100 mm: L110            P21197110
ID-No.	P21197...	
Type-sensor length L	MFM 075 GA-Lxxx	
Supply voltage [V]	20...27 DC	
Current consumption [mA]	<100	
Current output [mA]	4...20	
Load resistance R <sub>L</sub> [Ω]	200...500	
Reverse protection	•	
Precision [mm]	±3	
Inactive range [mm]	top: 20, bottom: 30	
Ambient temperature [°C]	-20...+70	
Medium temperature [°C]	-20...+80	
Sensitivity [ε <sub>r</sub> ]	>1.8	
Protection [EN 60529]	IP 67	
Housing material	Aluminium	
Material	AISI 316 Ti	
Sealing material	NBR, different material on request	
Compressive strength [bar]	6 (25 °C)	
Connection	M12 connector	

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



### Accessories connecting cable SLG / SLW 3..., see page 2.44