

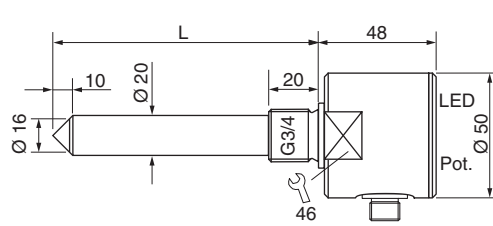
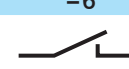
Microwave-Compact

Series MFC
G3/4 thread

DC 16...30 V

Sensor length up to 1000 mm



Design	DC PNP • G3/4	
Dimensions		
Switching point sp	[mm]	-6
Switching output		
ID-No.	P21188...	
Type-sensor length L	MFC 075 GSP-Lxxx	
Supply voltage	[V]	16...30 DC
Switching current	[mA]	200
Short circuit proof	•	
Overcurrent release	[mA]	250
Reverse protection	•	
Voltage drop	[V]	2
Current consumption	[mA]	50
Switching frequency	[Hz]	approx. 5
Ambient temperature	[°C]	-20...+85
Sensitivity*	[ε _r]	pre-selectable
Protection	[EN 60529]	IP 67
LED display	•	
Housing material	AISI 316 Ti / PTFE	
Sealing material	NBR, different materials on request	
Compressive strength	[bar]	16 (25 °C)
Connection	M12 connector	

Sensor length

The total length L of the sensors is specified by appending "Lxxx" to the type.

xxx: length in mm

Preferred excess lengths	ID-No.
120 mm: L120	P21188012
200 mm: L200	P21188020
400 mm: L400	P21188040

Adjustment note ε_r:
Remove the protection screw. By pressing the button with the screwdriver provided, you can adjust the sensitivity.

*Sensitivity	
○	green : ε _r ≥60
○○	green : ε _r ≥25
○○○	green : ε _r ≥4
○○○○	green : ε _r ≥1,7

