

Filling level sensors with microwave measuring principle and switching point | MFK 50 GSP

- Filling level monitor for the reliable monitoring of the maximum or minimum filling level of fluids and bulk materials
- Detects numerous media with low DK value
- Non-sensitive to adhesion
- If the medium touches a frequency shift is triggered which generates a switching signal
- For the monitoring of fluids, such as oil, where capacitive sensors fail



G1/2 - sensor length 40 mm - Output PNP NO

TYPE	MFK 50 GSP
Product ID	P21193
Switching Point	-6 mm
Output	switching output
Output function	PNP-NO
Supply voltage	16 V DC ... 30 V DC
Current consumption max.	40 mA
Short circuit proof	yes
Overcurrent release	250 mA
Reverse polarity protection	✓
Voltage drop max.	2 V
Switching frequency	5 Hz
Ambient temperature	-20 °C ... 85 °C
For Media with minimum DK ϵ_r	> 10
Compressive strength (at 25°C)	16 bar
Material sensor touched by medium	PTFE
Material housing	stainless steel AISI 316 Ti, PBT
Seal material	NBR
Display	✓

Protection [EN 60529]

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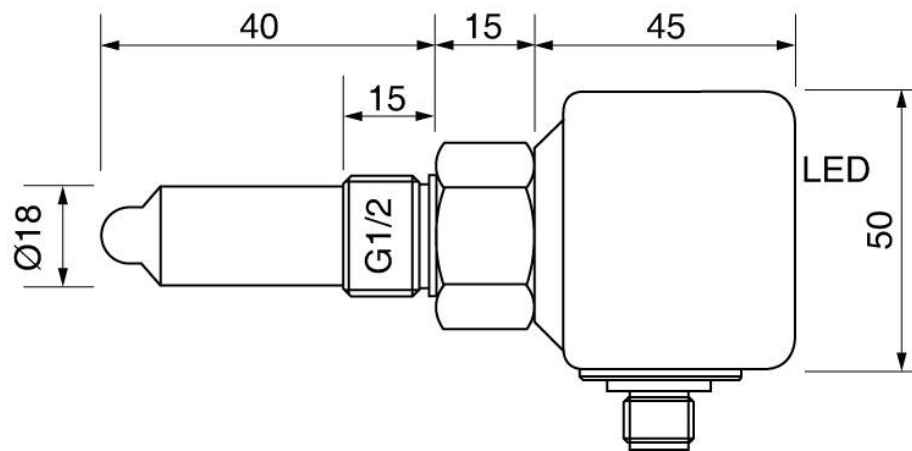
Electrical connection

M12 connector

Accessories

connecting cable SLG 3... or SLW 3...

Technical Image



Pin Map

