



Level Sensor KGFR

Capacitive compact level sensor



- Level sensor for aqueous media, oils, granules.
- Sensor can detect the level of the medium in the plastic container from the outside.
- This sensor can be adjusted to customer specifications (e.g., cable length, plug, thread).
- Universally applicable.
- PTFE housing.
- G1 thread.
- AC 20 ... 250V, DC 10 ... 55V

D-EN-KGFR-20190604



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Technical data					
Design	AC • G1		DC PNP • G1		
Dimensions					
Switching point sp [mm]	-6	-6	-6	-6	-6
Switching output					
ID-No.	P20009	P20010	P20063	P20064	P21198
Type	KGFR 100 WS	KGFR 100 WO	KGFR 100 GSP	KGFR 100 GOP	KGFR 100 GSOP
Supply voltage [V]	20...250 AC		10...55 DC		10...30 DC
Switching current [mA]	400		400		200
Short circuit proof	-		•		•
Overcurrent release [mA]	-		800		450
Reverse protection	-		•		•
Voltage dropl [V]	8 AC		1 DC		1,5 DC
Minimum load current [mA]	5		-		-
Current consumption [mA]	2,5		4		10
Switching frequency [Hz]	10		10		

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Technical data		
Design	AC • G1	DC PNP • G1
Ambient temperature [°C]	-25...+75	
EMC class	A	
Protection [EN 60529]	IP 67	
LED display	•	
Housing material	PTFE	
Connection	2 m PVC-cable 0,5 mm ²	GSP/GOP: 2 m PVC-cable 0,5 mm ² GSOP: PVC-cable 0,34 mm ²
Switching current	WS/WO	GSP/GOP GSOP

Applications

Level detection of

- aqueous media such as e.g. water, acids, alkalis,
- many oils
- granules, e.g. salt

Important instructions!

Technical changes and errors reserved.

Pictures can be similar.

The operating instructions belonging to this device must be observed! Download at www.schmidt-messtechnik.com.