



## Level Sensor KGF / KGMR

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.
- PTFE housing.
- Thread  $\frac{3}{4}$  ".
- Robust design, stainless steel threads (KGMR)
- AC 20 ... 250V, DC 10 ... 55V

D-EN-KGF-KGMR-20190605



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Technical data					
Design	AC • G3/4		DC PNP • G3/4		DC PNP • G3/4
Dimension					
Switching point sp [mm]	-2	-2	-2	-2	-3
Switching output					
ID-No.	P20005	P20006	P20055	P20056	P21101
Type	KGF 075 WS	KGF 075 WO	KGF 075 GSP	KGF 075 GOP	KGMR 107 GSP
Supply voltage [V]	20...250 AC		10...55 DC		10...55 DC
Switching current [mA]	400		400		300
Short circuit proof	-		•		•
Overcurrent release [mA]	-		800		800
Reverse protection	-		•		•
Voltage drop [V]	8 AC		1 DC		1,5 DC
Minimum load current [mA]	5		-		-
Current consumption [mA]	2,5		4		4
Switching frequency [Hz]	10		10		10

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Design	AC • G3/4	DC PNP • G3/4	DC PNP • G3/4
Ambient temperature [°C]	-25...+75		
EMC class	A		
Protection [EN 60529]	IP 67		
LED display	•		
Housing material	PTFE	PTFE	PTFE / AISI 316 Ti
Sealing material	-	-	FPM
Connection	2 m PVC-cable 0,5 mm <sup>2</sup>		
Switching current			

### Application

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](http://www.schmidt-messtechnik.com).