



Level Sensor KA

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.
- Housing PTFE / stainless steel 1.4571
- G1 thread.
- Robust design.
- Terminal space for cables.
- DC 10 ... 55V

D-EN-KA-20190605



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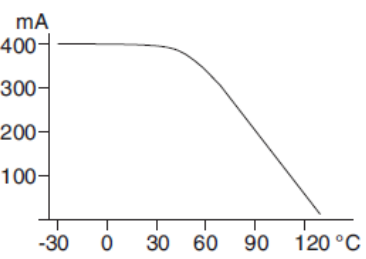
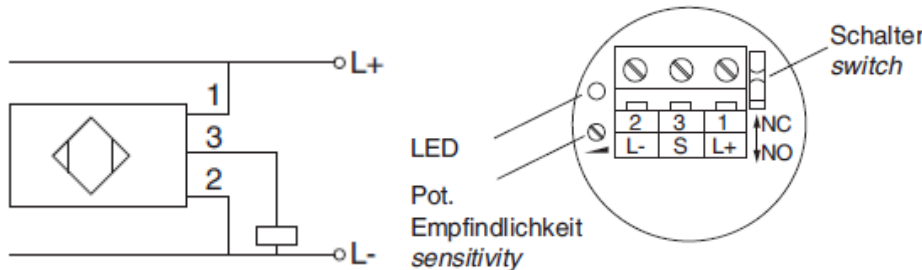
Technical data		
Design	DC PNP • G1 • L=45 mm	DC PNP • G1 • L=120 mm
Dimensions		
Switching point sp [mm]	-8	-8
Switching output		
ID-No.	P21010	P21011
Type – sensor length	KA-L45-GPP	KA-L120-GPP
Supply voltage [V]	10...55 DC	
Switching current [mA]	400	
Short circuit proof	•	
Overcurrent release [mA]	800	
Reverse protection	•	
Voltage drop [V]	2	
Minimum load current [mA]	-	
Current consumption [mA]	4	
Switching frequency [Hz]	5	

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Design	DC PNP • G1 • L=45 mm	DC PNP • G1 • L=120 mm
Ambient temperature [°C]	housing: -25...+70 / sensor tip: -25...+120	
EMC class	A	
Protection [EN 60529]	IP 67	
LED display	•	
Housing material	PTFE / AISI 316 Ti	
Sealing material	FPM	
Compressive strength (25°C) [bar]	30	
Connection	Terminal screws	
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.