Capacitive filling level sensors for adhesive media | KGFR 100 GSP

- Capacitive filling level switch for monitoring the maximum or minimum filling level of fluids or bulk materials
- Reliable: resistant to adhesion due to smooth rounded tip with PTFE housing
- For use in aggressive media
- For media with low DK-value



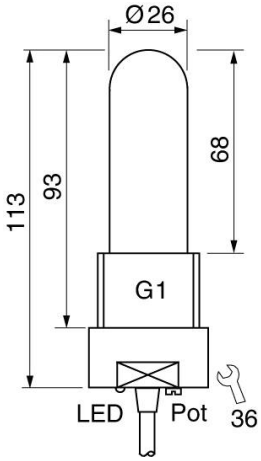
G1 - Output PNP NO

TYPE	KGFR 100 GSP
Product ID	P20063
Switching Point	-6 mm
Medium	water, oil, conductive media, non conductive media, solids, granulates, powder, aggressive media, liquid media
Output	switching output
Output function	PNP-NO
Supply voltage	10 V DC ... 55 V DC
Current consumption max.	4 mA
Short circuit proof	yes
Overcurrent release	800 mA
Reverse polarity protection	✓
Voltage drop max.	1 V
Switching frequency	10 Hz
Ambient temperature	-25 °C ... 75 °C
EMC-class	A
Material sensor touched by medium	PTFE
Material housing	PTFE
Display	✓
Protection [EN 60529]	IP 67

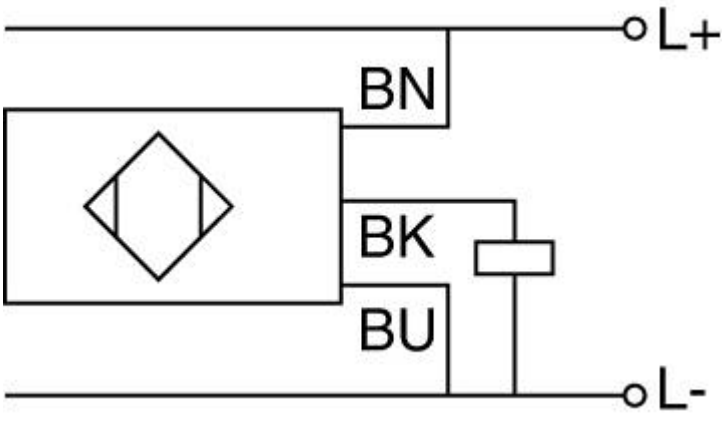
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Technical Image



Pin Map



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