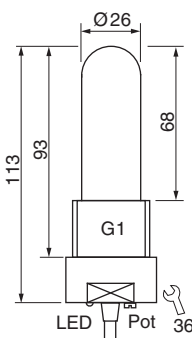
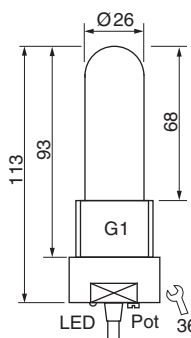


Capacitive sensor-compact

Series **KGFR**
PTFE housing
G1 thread

AC 20...250 V
DC 10...55 V



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...55 DC	10...30 DC
Switching current [mA]	400		400	400	200
Short circuit proof	-		•	•	•
Overcurrent release [mA]	-		800	800	450
Reverse protection	-		•	•	•
Voltage drop [V]	8 AC		1 DC	1 DC	1.5 DC
Minimum load current [mA]	5		-	-	-
Current consumption [mA]	2.5		4	4	10
Switching frequency [Hz]	10		10		
Ambient temperature [°C]	-25...+75		-25...+75		
EMC-class	A		A		
Protection [EN 60529]	IP 67		IP 67		
LED display	•		•		
Housing material	PTFE		PTFE		
Connection	2 m PVC-cable 0.5 mm ²		GSP/GOP: 2 m PVC-cable 0.5 mm ² GSOP: 2 m PVC-cable 0.34 mm ²		
Switching current	