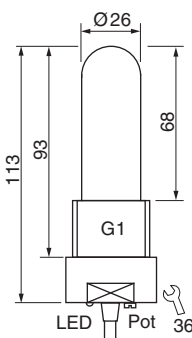
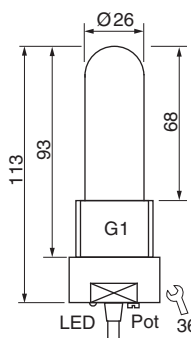






## Integral switch

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	
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 <sup>2</sup>		GSP/GOP: 2 m PVC-cable 0.5 mm <sup>2</sup> GSOP: 2 m PVC-cable 0.34 mm <sup>2</sup>		
Switching current		