

## Capacitive sensor-compact

Series KGF  
PTFE housing  
M14x1  
M30x1.5

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



Design	DC PNP • M14x1		DC PNP • M30x1.5		AC • M30x1.5	
Dimensions						
Switching point sp [mm]	-2	-2	-3	-3	-3	-3
Switching output						
Best.-Nr.	P20130	P21106	P20051	P20052	P20002	P20003
Type	KGF 014 GSP	KGF 014 GOP	KGF 030 GSP	KGF 030 GOP	KGF 030 WS	KGF 030 WO
Supply voltage [V]	10...33 DC		10...55 DC		20...250 AC	
Switching current [mA]	200		400		400	
Short circuit proof	•		•		-	
Overcurrent release [mA]	800		800		-	
Reverse protection	•		•		-	
Voltage drop [V]	1 DC		1 DC		8 AC	
Minimum load current [mA]	-		-		5	
Current consumption [mA]	4		4		2.5	
Switching frequency [Hz]	10		10		10	
Ambient temperature [°C]	-25...+75		-25...+75		-25...+75	
EMC-class	A		A		A	
Protection [EN 60529]	IP 67		IP 67		IP 67	
LED display	•		•		•	
Housing material	PTFE		PTFE		PTFE	
Connection	2 m PVC-cable 3x0.34 mm <sup>2</sup>		2 m PVC-cable 0.5 mm <sup>2</sup>		2 m PVC-cable 0.5 mm <sup>2</sup>	
Switching current						