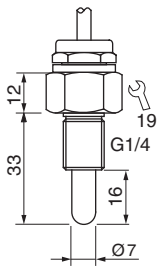
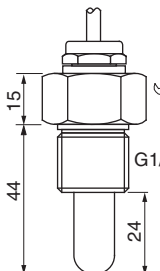
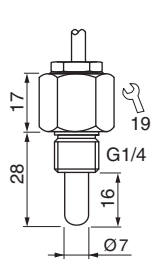
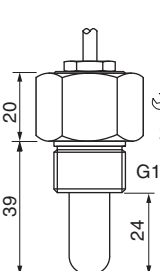
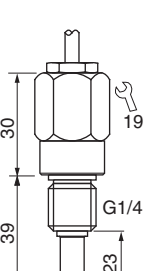
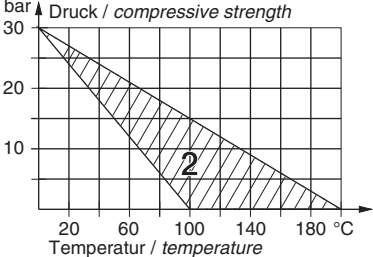


Capacitive 230 °C-High temperature

Series KGFT

Sensor for connection to an external amplifier



Design	G1/4	G1/2	G1/4	G1/2	G1/4
Dimensions					
Switching point sp [mm]	-6	-6	-6	-6	-6
ID-No.	P21092	P21093	P21119	P21120	P21108
Type	KGFT 025	KGFT 050	KGFT 125	KGFT 150	KGFT 325
Temperature range [°C]	-35...+180	-35...+180	-35...+200	-35...+200	-35...+230
Protection [EN 60529]					
sensor	IP 68	IP 68	IP 68	IP 68	IP 68
plug LEM 01	IP 54	IP 54	IP 54	IP 54	IP 54
Compressive strength [bar]	10	10	30	30	0.5
Housing material	PTFE / AISI 316 Ti	PTFE / AISI 316 Ti	PEEK / AISI 316 Ti	PEEK / AISI 316 Ti	PEEK / AISI 316 Ti
Sealing material	FPM	FPM	PTFE	PTFE	EP
Connection	2 m PTFE-cable with LEM 01 plug system				
	<p>For special applications the seal must be determined separately. In such cases, the combination of pressure and temperature is of great importance (see diagram). Special EPDM seals will be used on customers request for water applications up to +150 °C and pressure up to 5 bar. Special seals are necessary for applications with media temperatures above +100 °C or where pressures are higher (2).</p>				
If water damp phases cannot be excluded, the KGFT...-CER sensor must be used. (see page 2.29)					
Required amplifiers:	KK 030 GSP , KU 120..., KUA 120..., see page 2.30 - 2.31				