

## Probe • High temperature 120 °C

### Series ST

G1/4 thread

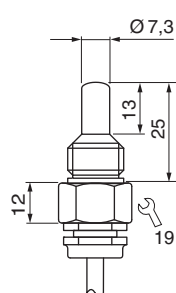
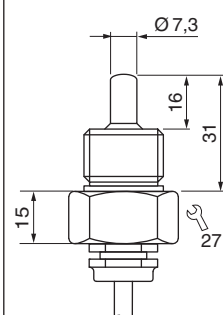
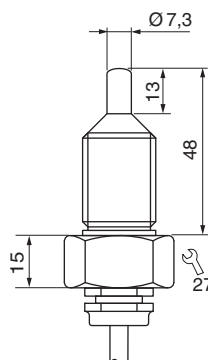
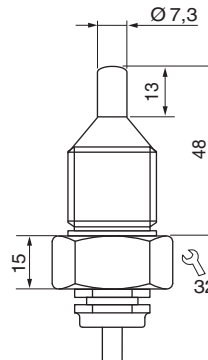
G1/2 thread

G3/4 thread

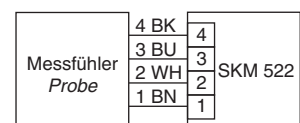
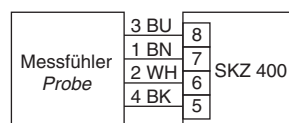
Stainless steel

High temperature sensors 120 °C



Design	G1/4	G1/2	G1/2	G3/4
Dimensions				
Detection range [cm/s]				
Water	1...150	1...150	1...150	1...150
Oil	3...300	3...300	3...300	3...300
Sensor length [mm]	25	31	48	48
ID-No.	P10435	P10436	P10437	P10438
Type	STK 412 KH-A4	STK 421 KH-A4	ST 421 KH-A4	ST 431 KH-A4
Medium temperature [°C]	+10...+120			
Temperature gradient [K/min]	250			
Start-up time typ. [s]	8 (2...15)			
Reaction time typ. [s]	2 (1...13)			
Compressive strength [bar]	100			
Sensor material	AISI 316 Ti • different materials on request			
Protection [EN 60529]	IP 68			
Connection	2 m FEP-cable, 4x0.25 mm <sup>2</sup>			

High temperature sensors may be used for temperature up to 120 °C. A short-time overload up to 135 °C is allowed; within this time the switching point is not specified. After returning back to temperatures below 120 °C the sensor will work properly again.



Amplifiers required: SKM..., SKZ..., see page 1.62 - 1.64