

## Sensors without integrated amplifier | ST 521 KH

- G1/2 screw-in sensor for flow monitoring in gaseous and liquid media
- Medium temperature in liquid media up to 160 °C
- Corrosion-proof stainless steel housing AISI 316 Ti
- Immersion depth 31 mm
- 2 m fixed cable FEP
- Installation in T-piece connector or welding sleeve
- Needs amplifier of series 400 with analogue or switching output

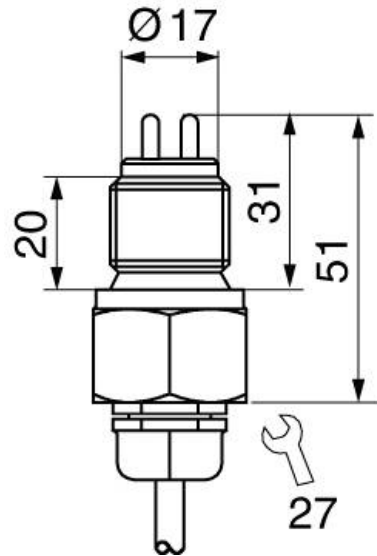


### G1/2 - sensor length 31 mm - medium temperature up to 160

<b>TYPE</b>	ST 521 KH
<b>Product ID</b>	P11259
<b>Medium</b>	Water, oil
<b>Detection range water</b>	1 ... 150 cm/s
<b>Detection range air</b>	1 ... 40 m/s
<b>Detection range Oil</b>	3 ... 300 cm/s
<b>Process connection</b>	G1/2
<b>Sensor length L</b>	31 mm
<b>Ambient temperature</b>	-20 ... 160 °C
<b>Medium temperatur fluids</b>	10 ... 160 °C
<b>Medium temperature air/gas</b>	10 ... 135 °C
<b>Temperature gradient fluids</b>	250 K/min
<b>Temperature gradient gaseous media</b>	20 K/min
<b>Start-up time typ.</b>	8 s (5 ... 20 s)
<b>Reaction time typ.</b>	3 s (2 ... 20 s)
<b>Compressive strength</b>	60 bar
<b>Material sensor touched by medium</b>	stainless steel AISI 316 Ti
<b>Material housing</b>	stainless steel AISI 316 Ti
<b>Protection [EN 60529]</b>	IP 67

<b>Electrical connection</b>	2 m FEP-cable 4x0.25 mm <sup>2</sup>
<b>Accessories (in scope of delivery)</b>	2 x gasket G1/2 AFM 34
<b>Associated amplifiers</b>	SKM 420, SKZ 400
<b>Note</b>	probe with longer cable available on request, different materials on request

Technical Image



Pin Map

