Sensors without integrated amplifier | ST 431 KH-A4

- G3/4 screw-in sensor for flow monitoring in liquid media
- Medium temperature up to 120 °C
- Corrosion-proof stainless steel housing AISI 316 Ti
- Immersion depth 48 mm
- 2 m fixed cable FEP
- Installation in T-piece connector or welding sleeve
- Needs amplifier with analogue or switching output



G3/4 - sensor length 48 mm - medium temperature up to 120 °C - FEP-cable

TYPE	ST 431 KH-A4
Product ID	P10438
Medium	water, oil
Detection range water	1 cm/s ... 150 cm/s
Detection range Oil	3 cm/s ... 300 cm/s
Process connection	G3/4
Sensor length L	48 mm
Ambient temperature	10 °C ... 120 °C
Medium temperature	10 °C ... 120 °C
Temperature gradient fluids	250 K/min
Start-up time typ.	8 s(2 s ... 15 s)
Reaction time typ.	2 s(1 s ... 13 s)
Compressive strength	100 bar
Material sensor touched by medium	stainless steel AISI 316 Ti
Material housing	stainless steel AISI 316 Ti, brass
Protection [EN 60529]	IP 68
Electrical connection	2 m FEP-cable 4x0.25 mm²
Accessories (in scope of delivery)	2 x gasket G3/4 AFM 34

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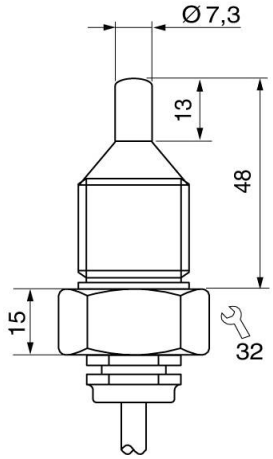
Associated amplifiers	SKM 420 GR, SKM 420 GSP, SKM 420 GA, SKM 522 GR, SKM 522 WR, SKZ 400 GR, SKZ 400 WR-115, SKZ 400 WR
Note	probe with longer cable available on request

Technical Image



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