Sensors without integrated amplifier | ST 418 S-A4

- ST 418 S-A4 with M12 connector
- M18x1.5 plug-in sensor for flow monitoring in liquid media
- Corrosion-proof stainless steel housing AISI 316 Ti
- Immersion depth 48 mm
- M12 plug system
- Installation in compression fitting
- Needs amplifier with analogue or switching output
- More Variants on request
- Plug-in Installation



M18x1,5 - sensor length 47 mm - M12 connector

TYPE	ST 418 S-A4
Product ID	P11354
Medium	water, oil
Detection range water	1 cm/s ... 150 cm/s
Detection range Oil	3 cm/s ... 300 cm/s
Process connection	M18x1,5 + Adapter
Sensor length L	47 mm
Ambient temperature	-20 °C ... 80 °C
Medium temperature	-20 °C ... 80 °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
Protection [EN 60529]	IP 67
Electrical connection	M12 connector
Accessories	connecting cable SLW 4-2 (Z00446), connecting cable SLG 4-2 (Z00445), adapter SDA-SCS-G1/4 (Z01200), adapter SDA-SCS-G1/2 (Z01201), adapter SDA-SCS-G1/2-37 (Z01208)

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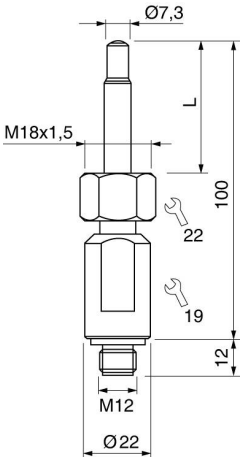
Associated amplifiers	SKM 420 GR, SKM 420 GSP, SKM 420 GA, SKM 522 GR, SKM 522 WR, SKZ 400 GR, SKZ 400 WR-115, SKZ 400 WR

Technical Image



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