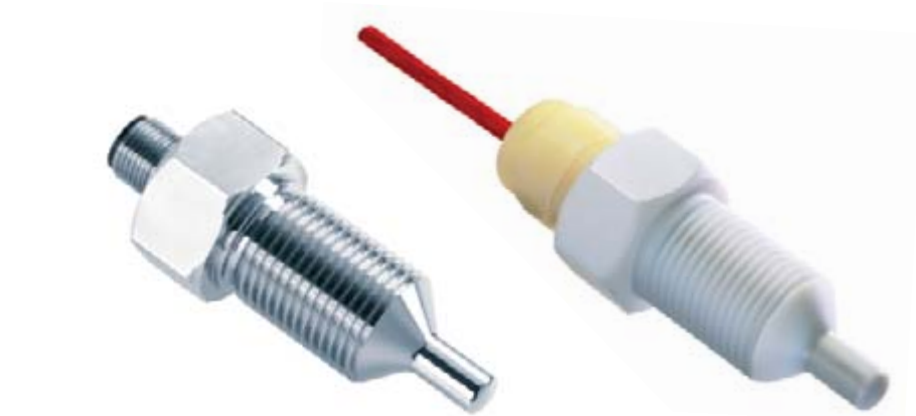


Probe • Standard thread

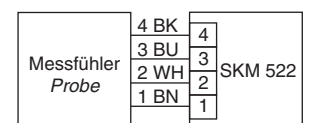
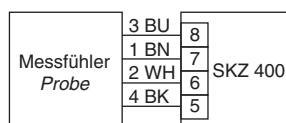
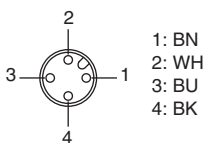
Series ST

G1/2 thread

Stainless steel PTFE-Housing



| Design | G1/2 | G1/2 | G1/2 PTFE |
|------------------------------|---|---------------|---|
| Dimensions | | | |
| Detection range [cm/s] | | | |
| Water | 1...150 | 1...150 | 1...70 |
| Oil | 3...300 | 3...300 | 2...100 |
| Sensor length [mm] | 48 | 48 | 48 |
| ID-No. | P10412 | P10414 | P10431 |
| Type | ST 421 K-A4 | ST 421 S-A4 | ST 421 K-F |
| Medium temperature [°C] | -20...+80 | | -10...+70 |
| Temperature gradient [K/min] | 250 | | 1 |
| Start-up time typ. [s] | 8 (2...15) | | 60 (40...100) |
| Reaction time typ. [s] | 2 (1...13) | | 30 (10...50) |
| Compressive strength [bar] | 100 | | 5 |
| Sensor material | AISI 316 Ti • different material on request | | PTFE |
| Protection [EN 60529] | IP 68 | | IP 68 |
| Connection | 2 m PVC-cable 4x0.25 mm ² | M12 connector | 2 m FEP-cable 4x0.25 mm ² |



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

Accessories

connecting cable type SLG 4-2 (Z00445), SLW 4-2 (Z00446), see page 1.91