

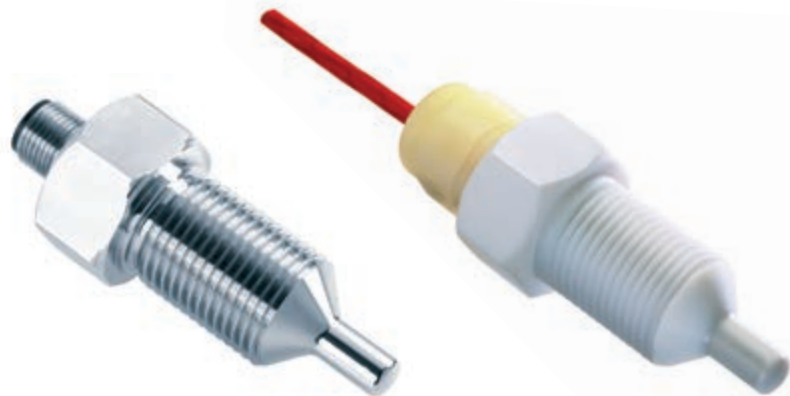
Probe • Standard thread

Series ST 400

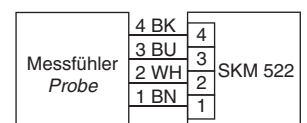
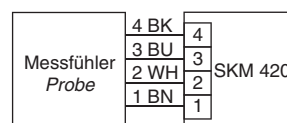
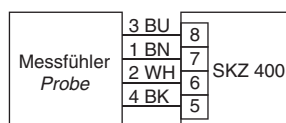
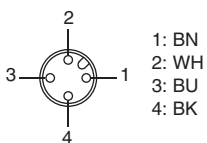
G1/2 thread

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 67	IP 68
Connection	2 m PVC-cable 4x0.25 mm ²	M12 connector	2 m FEP-cable 4x0.25 mm ² cable gland PVDF



Amplifiers required: SKM..., SKZ..., see page 1.71 - 1.75

Accessories

connecting cable type SLG 4-2 (Z00445), SLW 4-2 (Z00446), see page 1.99