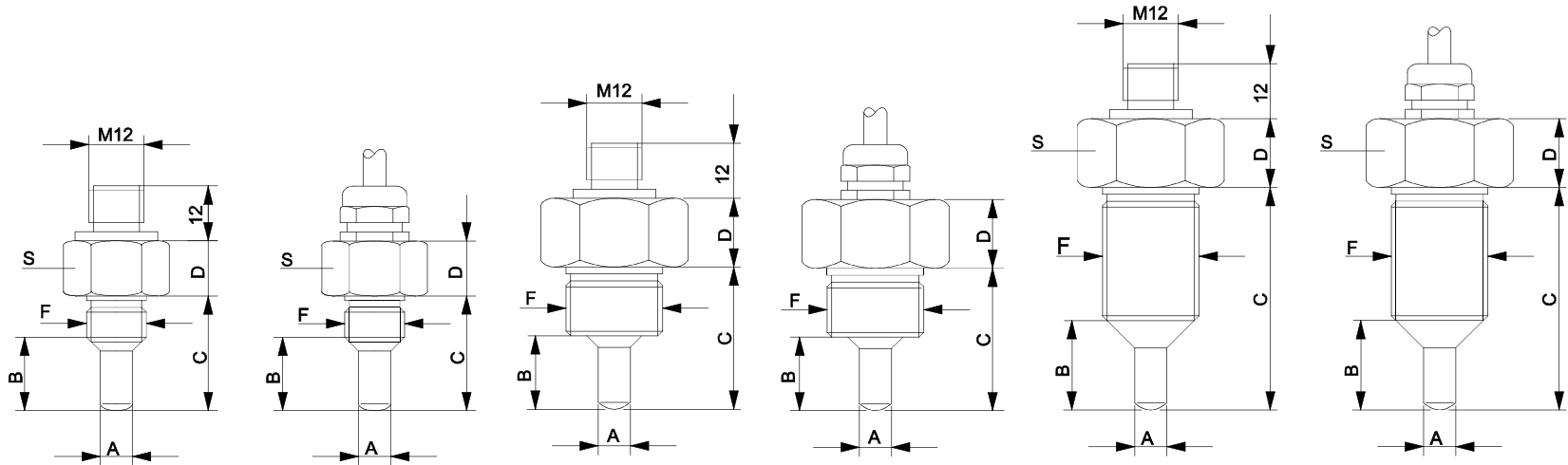


Strömungswächter

Flow Controller

Sensoren
Sensors



STK 412 ...

STK 421 ...

ST 421 ...

Typ/Type	ID	F	S	A	B	C	D	(I)	(II)	(III)	(IV)	(V)	(VI)
STK 412 K-A4	P10402	G 1/4	19	7,3	15	25	12	1.4571	IP 68	100	-20...80	1...150	3...300
STK 412 S-A4	P10404	G 1/4	19	7,3	15	25	12	1.4571	IP 67	100	-20...80	1...150	3...300
STK 421 K-A4	P10408	G 1/2	27	7,3	16	31	15	1.4571	IP 68	100	-20...80	1...150	3...300
STK 421 S-A4	P10410	G 1/2	27	7,3	16	31	15	1.4571	IP 67	100	-20...80	1...150	3...300
ST 421 K-A4	P10412	G 1/2	27	7,3	19	48	15	1.4571	IP 68	100	-20...80	1...150	3...300
ST 421 S-A4	P10414	G 1/2	27	7,3	19	48	15	1.4571	IP 67	100	-20...80	1...150	3...300
ST 431 K-A4	P10424	G 3/4	32	7,3	19	48	15	1.4571	IP 68	100	-20...80	1...150	3...300
ST 421 K-F	P10431	G 1/2	27	8	18	48	15	PTFE	IP 68	5	-10...70	1...70	2...200
STK 412 KH-A4	P10435	G 1/4	19	7,3	15	25	12	1.4571	IP 68	100	10...120	1...150	3...300
STK 421 KH-A4	P10436	G 1/2	27	7,3	16	31	15	1.4571	IP 68	100	10...120	1...150	3...300
ST 421 KH-A4	P10437	G 1/2	27	7,3	19	48	15	1.4571	IP 68	100	10...120	1...150	3...300
ST 431 KH-A4	P10438	G 3/4	32	7,3	19	48	15	1.4571	IP 68	100	10...120	1...150	3...300

Technische Daten / Technical Data

(I) Werkstoff / Material

1.4571 $\equiv$ AISI 316Ti

(II) Schutzart / Protection

(III) Druckfestigkeit / Compressive strength [bar]

(IV) Temperaturbereich / Temperature range[°C]

Erfassungsbereich / Detection range

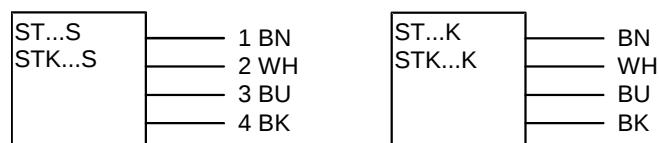
(V) Wasser / Water [cm/s]

(VI) Öl / Oil [cm/s]

Technische Daten / Technical Data

Erfassungsbereich/ <i>Detection range:</i>	
Wasser/ <i>Water</i>	1...150 cm/s
Öl/ <i>Oil</i>	3...300 cm/s
Temperaturgradient/ <i>Temperature gradient</i>	250°C/min
Temperaturbereich/ <i>Temperature range</i>	-20...80°C
Bereitschaftszeit/ <i>Stand-by time</i>	2...15 s
Einschaltzeit/ <i>Switch-on time</i>	1...13 s
Ausschaltzeit/ <i>Switch-off time</i>	1...15 s
Druckfestigkeit/ <i>Compressive strength</i>	100 bar
Sensorwerkstoff / <i>Sensor material</i>	1.4571

Anschluss / Connection

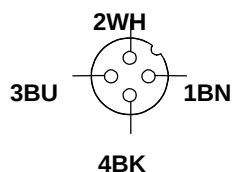


Farbcode / Code

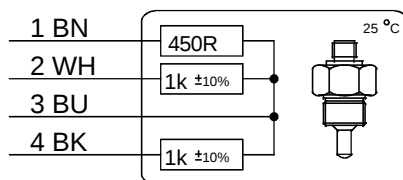
BK:Schwarz/*black* BN:Braun/*brown* BU:Blau/*blue* GY:Grau/*grey* WH:Weiß/*white*

Steckerbelegung / Plug

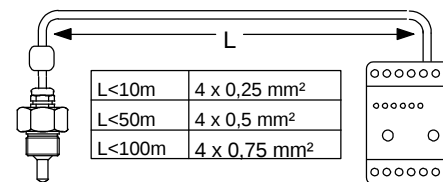
M12 x 1



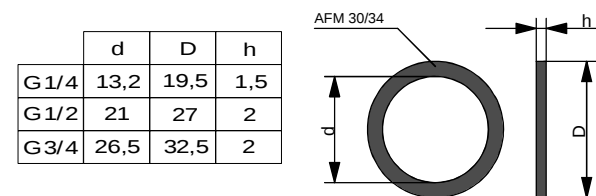
Ersatzschaltbild / Circuit diagram



Kabelverlängerungen / Cable length



Dichtung / Gasket



Einbau / Installation

Die Einbaulage des Sensors sollte gewährleisten, daß die Meßspitzen des Sensors vollständig von dem zu überwachenden Medium umgeben sind. Ablagerungen am Sensor können die Funktion beeinflussen.

The sensor tip must be fully immersed into the medium after installation. Deposits impair the function of the flow controller.

