

## Special-Probe • Food • Pharma

### Series SCB / STB / STC

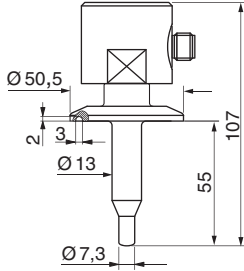
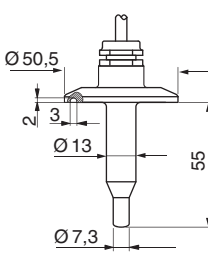
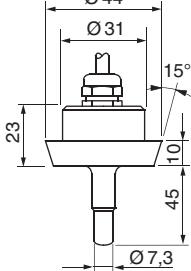

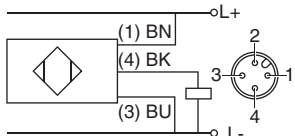
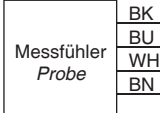
DC 24 V-PNP

Compact model

Triclamp Ø50.5

DIN 11851



Design	Triclamp compact	Triclamp Ø50.5	DIN 11851
<b>Dimensions</b>			
<b>Detection range</b> [cm/s]			
Water	1...150	1...150	1...150
Oil	3...300	3...300	3...300
<b>Output</b>			
<b>Connecting diameter</b>	Ø50.5 mm	Ø50.5 mm	DN 25
<b>ID-No.</b>	P11156	P11060	P10632
<b>Type</b>	SCB 450 GSP	STB 450 K	STC 425 K
<b>Surface roughness</b> [µm]	≤ 0.8		≤ 0.8
<b>Supply voltage</b> [V]	24 DC ±20%		-
<b>Current consumption</b> [mA]	<70		-
<b>Switching current</b> [mA]	200 (20 °C)		-
<b>Ambient temperature</b> [°C]	-20...+80		-20...+80
<b>Medium temperature</b> [°C]	-20...+80		+20...+120
<b>Temperature gradient</b> [K/min]	250		250
<b>Start-up time</b> [s]	8 (2...15)		8 (2...15)
<b>Reaction time typ.</b> [s]	2 (1...13)		2 (1...13)
<b>Compressive strength</b> [bar]	100		100
<b>Housing material</b>	AISI 316 L		AISI 316 L / PVDF (cable gland)
<b>Protection</b> [EN 60529]	IP 67		IP 68
<b>Connection</b>	M12 connector		2 m FEP-cable 4x0.25 mm <sup>2</sup>
For sealing a 3A-compliant seal must be used.			
<b>Accessories</b>	conn. cable SLG, SLW		amplifiers: SKM..., SKZ..., page 1.71 - 1.75