



Special-Probe | Food • Pharma

DC 24 V-PNP

Compact model  
Probe

Triclamp Ø 50.5  
DIN 11851



Design	Triclamp compact	Triclamp Ø 50.5	DIN 11851
<b>Dimensions</b>			
Detection range [cm/s]			
Water	1...150	1...150	1...150
Oil	3...300	3...300	3...300
Output			
Connecting diameter	Ø 50.5 mm	Ø 50.5 mm	DN 25
ID-No.	P11156	P11060	P10632
Type	SCB 450 GSP	STB 450 K	STC 425 K
Surface roughness [µm]	≤ 0.8		≤ 0.8
Supply voltage [V]	24 DC ±20%		-
Current consumption [mA]	< 70		-
Switching current max. [mA]	200 (20 °C)		-
Ambient temperature [°C]	-20...+80		-20...+80
Medium temperature [°C]	-20...+80		+20...+120
Temperature gradient [K/min]	250 (> 60 cm/s)		250 (> 60 cm/s)
Start-up time [s]	8 (2...15)		8 (2...15)
Reaction time typ. [s]	2 (1...13)		2 (1...13)
Compressive strength [bar]	100		100
Housing material	AISI 316 L		AISI 316 L / PVDF (cable gland)
Protection [EN 60529]	IP 67		IP 68
Connection	M12 connector		2 m FEP-cable 4x0.25 mm <sup>2</sup>
For sealing a 3A-compliant seal must be used.			
Accessories	conn. cable SLG, SLW		amplifiers: SKM..., SKZ..., page 1.79 - 1.83