

Technical data:

Temperature sensor	TS-45i	TS-45iSh
Nominal voltage; voltage range:	24 V DC; 8 - 30 V DC	
Power consumption:	max. 0,7 W	
Housing; cable gland; protection degree:	ABS, stainless steel; PG7; IP65	
Dimensions (W x H x D); weight: /with bracket	50 x 150 x 68 mm; 350 g	85 x 180 x 115 mm; 380 g
Measuring principle; sensor element:	resistance - RTD; PT 100	
Measuring range:	-40 .. +50 °C	
Measuring error: type/individual cal. @0°C, Un=15V, RzI=250Ω	< ±0,3 °C / < ±0,1 °C	
Accuracy standard: type/individual calibrated	EN 60751 class B / class B/3	
Response time t <sub>90</sub> :	< 800 s @ Vz=0 m/s, < 300 s @ Vz=1 m/s	
Loop resistance: max.R <sub>zI</sub>	1000 Ω	