

Strap-on temperature sensor

SCT



Description

The temperature sensor serie SCT measures the temperature from -50 up to +100°C strap-on mounting on pipes and arched surfaces. The range is available with all type of current sensor elements.

Technical specifications

Measurement range	-50...+100°C
Sensor	Pt100, Pt1000, Ni1000, NTC
Type of connection	2-wires
Measured current	approx. 1 mA
Electrical connection	2 m PVC cable (2 x 0,25 mm ² , max. +100°C) with core cable ends
Leakage resistance	> 100 MOhm, at +20°C (500 V DC)
Protection sleeve	Brass
Protection type	IP54
Storage temperature	-20...+70°C
Accessory	Spring band (included) for pipes from 25 to 110 mm
Standards	CE conformity, RoHS



Models	Type of sensor
SCT1-2	Pt100 (DIN EN 60751 Cl. B)
SCT2-2	Pt1000 (DIN EN 60751 Cl. B)
SCT3-2	Ni1000 (TK6180)
SCT4-2	Ni1000 (TK5000)
SCT5-2	NTC20k (±1%)
SCT6-2	NTC10k (±1%) BETA 3435K

Dimensions (mm)

