

SCR501



- temperature range $-50 \div 200^{\circ}\text{C}$
- possibility of mounting a 4...20mA or 0...10V temperature transmitter
- stainless steel sheath with or without perforation, small diameter
- connection via terminal connector strip
- IP 65 protection degree

Resistance thermometers SCR501 are designed for ambient temperature measurement inside and outside residential, office and industrial spaces. There is a possibility of assembling a programmable temperature transmitter with a 4...20mA output signal into the housing. The protection tube with perforation allows for quick and precise temperature measurement, thanks to direct contact of thermometric resistor with ambient temperature.

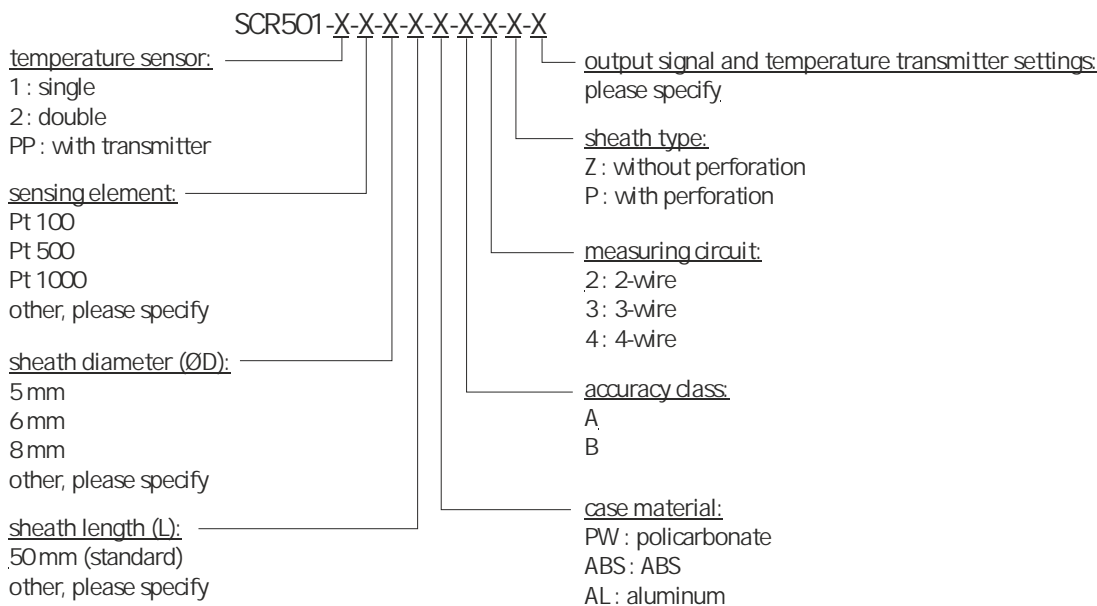
Application areas

- ambient temperature measurement in rooms and outside,
- warehouses and cold stores,
- offices,
- air-conditioning and ventilation installations.

TECHNICAL DATA

Sensing element	Pt100, Pt500, Pt1000 (2-, 3- or 4-wire)
Measuring range Case measuring range	$-50 \div 200^{\circ}\text{C}$ $-20 \div 80^{\circ}\text{C}$ (ABS); $-40 \div 80^{\circ}\text{C}$ (aluminum); $-40 \div 120^{\circ}\text{C}$ (polycarbonate)
Class	A or B
Thermowell	4 x 30, with or without perforation, stainless steel 1.4541
Case dimensions (WxHxD)	64 x 58 x 35 mm (ABS, aluminum or polycarbonate) 82 x 80 x 55 mm (sensor with transmitter 4...20mA or 0...10V)

ORDERING



Ordering example:

SCR501-1-Pt100-6-50-PW-B-2-Z-(0-80)

Single RTD temperature sensor, 1xPt100, B tolerance class, 2-wire, polycarbonate case. Sheath without perforation, diameter 6 mm and length 50 mm. Temperature range 0-80°C

