

SCR201










- temperature range $-50 \div 400^{\circ}\text{C}$ (depending on the cable used)
- stainless steel sheath
- minimum sheath length: 15 mm, minimum sheath diameter: 2 mm
- any maximum sheath length
- thermowell spring protection against excessive cable bending

Resistance thermometers **SCR201** are designed for fitting directly into a drilled hole or process. Consist of a thermometric resistor, a protection tube made out of stainless steel, and a connection cable. Insertion length, thermowell diameter, process connection thread, number of sensors, accuracy, cable length, and insulation can be selected individually for the respective application.

Application areas:

- fine chemical industry,
- light energy industry,
- general industrial services.

CONNECTION CABLES

Diagram	Insulation design	Temperature range	Code
	- double fiberglass - stainless steel - cond: nickel plated copper	$-50 \div 400^{\circ}\text{C}$	WS
	- PVC - cond: nickel plated copper	105°C max.	PVC
	- teflon - stainless steel - teflon - cond: nickel plated copper	260°C max.	TOT
	- teflon - stainless steel - cond: nickel plated copper	260°C max.	TO
	- silicon - stainless steel - silicon - cond: nickel plated copper	180°C max.	SOS
	- silicon - silicon - cond: nickel plated copper	250°C max.	SS
	- teflon - teflon - cond: nickel plated copper	260°C max.	TT

ORDERING

SCR201-X-X-X-X-X-X-X-X-X

temperature sensor:

- 1 : single
- 2 : double

sensing element:

- Pt 100
- Pt 500
- Pt 1000
- other, please specify

sheath diameter (Ød):

- 4 mm
- 5 mm
- other, please specify

sheath length (L):

- 50 mm (standard)
- 100 mm
- other, please specify [mm]

process connection:

- G1/2"
- M10x1
- M14x1,5
- other, please specify

measuring circuit:

- 2 : 2-wire
- 3 : 3-wire
- 4 : 4-wire

accuracy class:

- A
- B
- 1/3B

connection cable length:

- 1500 : 1,5 linear meter
- other, please specify [mm]

insulation types of connection cable:

- PVC : PVC / PVC (110°C max.)
- TS : teflon / silicon (180°C max.)
- SS : silicon / silicon (250°C max.)
- WS : double fiberglass / stainless steel (400°C max.)

Ordering example:

SCR201-1-Pt100-5-50-M14x1,5-WS-1500-B-2

Single RTD temperature sensor, 1xPt100, class B, 2-wire, process connection M14x1,5 mm, thermowell diameter 5 mm and length 50 mm, fiberglass insulation, cable length 1500 mm

