

## SCR200



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

Resistance thermometers **SCR200** are designed for fitting directly into a drilled hole or process. Consist of a thermometric resistor, protection tube made out of stainless steel, and connection cable.

### 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	$105^{\circ}\text{C}$ max.	PVC
	- teflon - stainless steel - teflon - cond: nickel plated copper	$260^{\circ}\text{C}$ max.	TOT
	- teflon - stainless steel - cond: nickel plated copper	$260^{\circ}\text{C}$ max.	TO
	- silicon - stainless steel - silicon - cond: nickel plated copper	$180^{\circ}\text{C}$ max.	SOS
	- silicon - silicon - cond: nickel plated copper	$250^{\circ}\text{C}$ max.	SS
	- teflon - teflon - cond: nickel plated copper	$260^{\circ}\text{C}$ max.	TT

### ORDERING

#### SCR200-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

#### construction:

- P : straight
- K : angular

#### sheath diameter (Ød):

- 4 mm
- 5 mm
- 6 mm
- other, please specify

#### sheath length (L):

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

#### 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 ( $110^{\circ}\text{C}$  max.)
- TS : teflon / silicon ( $180^{\circ}\text{C}$  max.)
- SS : silicon / silicon ( $250^{\circ}\text{C}$  max.)
- WS : double fibreglass / stainless steel ( $400^{\circ}\text{C}$  max.)

Ordering example:

**SCR200-1-Pt100-6-50-WS-1500-B-2**

Single RTD temperature sensor 1xPt100, B tolerance class, 2-wire, thermowell diameter 6 mm and length 50 mm, fibreglass insulation, cable length 1500 mm

