

SCR205



- temperature range $-50 \div 400^{\circ}\text{C}$ (depending on the cable used)
- sheath made of aluminum, brass or stainless steel
- thermowell spring protection against excessive cable bending

Resistance thermometers **SCR205** are designed for assembling directly onto machine parts or other construction elements. Consist of a thermoresistor, protection tube made out of stainless steel, aluminum, or brass, 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°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

SCR205-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 material:

- A : aluminum (standard)
- S : stainless steel
- M : brass

sheath length (L):

- 50 mm (standard)
- 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°C max.)
- TS : teflon / silicon (180°C max.)
- SS : silicon / silicon (250°C max.)
- WS : double fibreglass / stainless steel (400°C max.)

Ordering example:

SCR205-1-Pt100-A-50-WS-1500-B-2

Single RTD temperature sensor, 1xPt100, B tolerance class, 2-wire measuring circuit, aluminum thermowell with standard length 50 mm, fibreglass insulation, connection cable length 1500 mm

