

SCR208



- temperature range $-50 \div 400^{\circ}\text{C}$ (depending on the cable used)
- stainless steel sheath
- adjustable spring force of sensor
- different types of sheath
- bayonet of any length

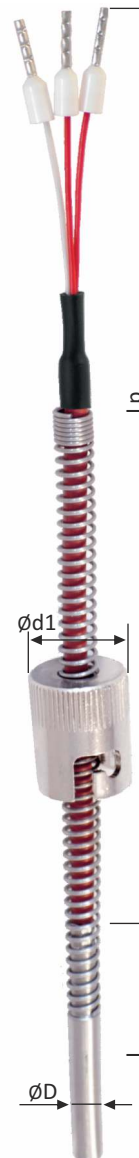
Resistance thermometers **SCR208** are designed for screw-fitting directly into the machine body or parts. The adjustable spring force of the sensor mounting provides optimum measurement conditions in the environment where vibrations appear. SCR208 sensor consists of a thermometric resistor, protection tube made out of stainless steel, connection cable, adjustable bayonet cap with spring. The sensor can be additionally equipped with a bayonet adaptor.

Application areas:

- plastic industry,
- movable and replaceable machine parts.

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



BAYONET TYPES

A type



B type



Thread (G)	Length (L1)
M20x1,5	15 mm
G1/2"	15 mm
M14x1,5	10 mm
M10x1	8 mm

COVER END TYPES

P type



flat

S type



cone

K type



spherical



ORDERING

SCR208-X-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
- 8 mm
- other, please specify

sheath length (L):

- 10 mm (standard)
- other, please specify [mm]

type of cover end:

- P : flat
- K : spherical
- S : cone

bayonet type:

- A
- B

bayonet diameter Ød1:

- 12,5 mm (standard)

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.)

process connection:

- M12x1 (standard)
- G1/2"
- M14x1,5
- other, please specify

Ordering example:

SCR208-1-Pt100-6-10-S-A-M14x1,5-WS-1500-B-2-12,5

Single RTD temperature sensor, 1xPt100, sheath length L=10 mm, connection cable length 1500 mm, fibreglass insulation, B tolerance class, 2-wire measuring circuit, threaded bayonet adaptor connection M14x1,5 mm, bayonet cap diameter Ø12,5 mm.

