

SCR208



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

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:

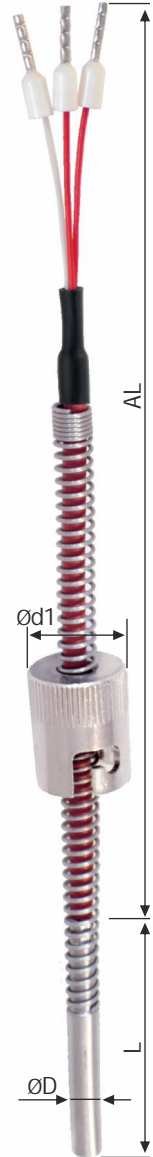
- plastic industry,
- movable and replaceable machine parts.

TECHNICAL DATA

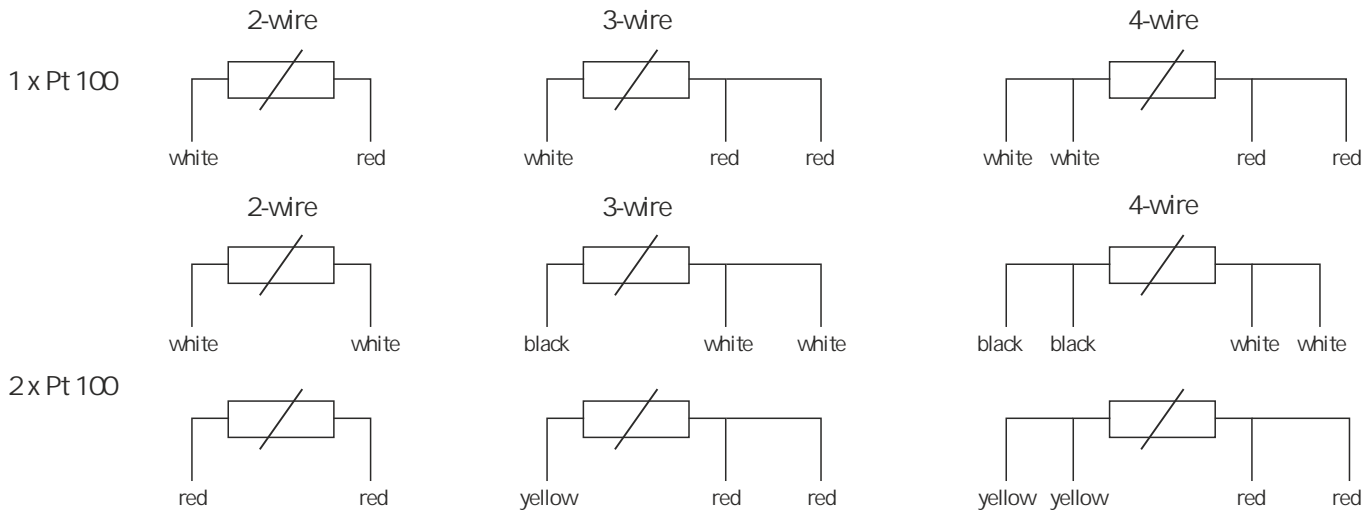
Sensing element	Pt100, Pt500 or Pt1000 (2-, 3- or 4-wire)
Measuring range	$-50 \div 400^{\circ}\text{C}$ (depending on the cable used)
Class	A, B or 1/3 B
Sheath	material: stainless steel nominal length: 10 mm (standard) or other diameter: 5 mm, 6 mm, 8 mm or other
Cable	type according to the table, standard length 1500 mm or other according to order
Process connection	G1/2; M10x1; M14x1,5; M20x1,5 or other according to order
Measuring end	flat, spherical or cone

CONNECTION CABLES

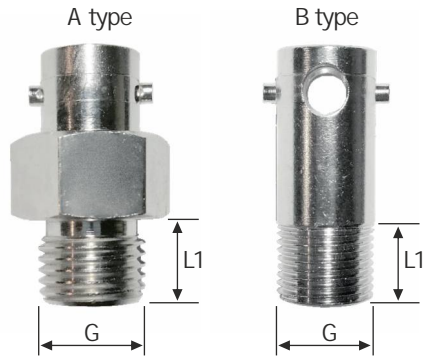
Diagram	Insulation design	Temperature range	Code
	Double fiberglass - stainless steel	400°C max.	WS
	PVC	105°C max.	PVC
	Teflon - stainless steel - teflon	260°C max.	TOT
	Teflon - stainless steel	260°C max.	TO
	Silicon - stainless steel - silicon	180°C max.	SOS
	Silicon - silicon	250°C max.	SS
	Teflon - teflon	260°C max.	TT



ELECTRICAL CONNECTION

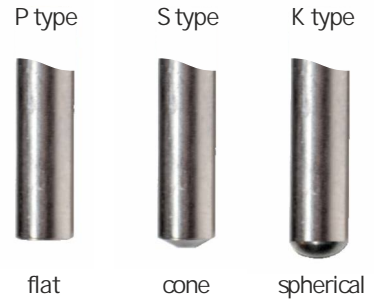


BAYONET TYPES



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

COVER END TYPES



ORDERING

SCR208-X-X-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
- process connection:**
 - M12x1 (standard)
 - G1/2"
 - M14x1,5
 - other, please specify
- bayonet diameter Ød1:**
 - 12,5 : 12,5 mm (standard)
 - 14,5 : 14,5 mm
 - 16,5 : 16,5 mm
- measuring circuit:**
 - 2 : 2-wire
 - 3 : 3-wire
 - 4 : 4-wire
- accuracy class:**
 - A
 - B
 - 1/3B
- connection cable length (AL):**
 - 1500 : 1,5 linear meter
 - other, please specify [mm]
- insulation types of connection cable:**
 - PVC : PVC / PVC (105°C max.)
 - TT : teflon / teflon (260°C max.)
 - SS : silicon / silicon (250°C max.)
 - WS : double fibreglass / stainless steel (400°C max.)

Ordering example:
 SCR208-1-Pt100-6-10-S-A-M14x1,5-WS-1500-B-2-12,5
 Single RTD temperature sensor, 1xPt100, B tolerance class, 2-wire, sheath length 10 mm, connection cable length 1500 mm, double fibreglass insulation, threaded bayonet adaptor connection M14x1,5 mm, bayonet cap diameter Ø12,5 mm.

