

## SCR206



- temperature range  $-50 \div 400^{\circ}\text{C}$  (depending on the cable used)
- stainless steel or brass sheath
- mounting through the hole M4
- thermowell spring protection against excessive cable bending

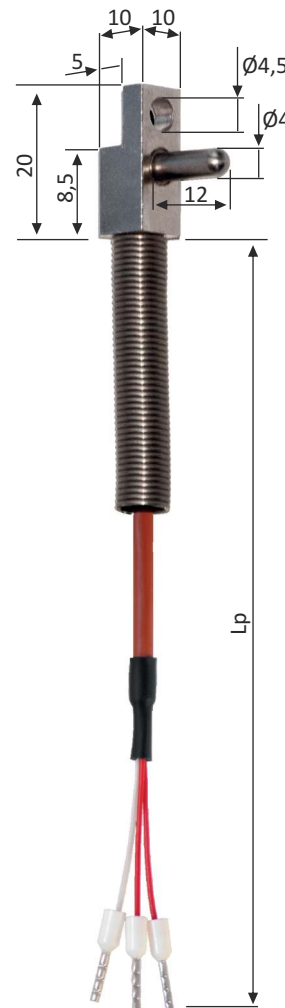
Resistance thermometers **SCR206** are designed for assembling directly onto machine parts or other construction elements. Consist of a thermoresistor, protection tube made out of stainless steel, aluminum, or brass, and connection cable.

### 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	$105^{\circ}\text{C max.}$	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

**SCR206-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:

- S : stainless steel
- M : brass

#### 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 fiberglass / stainless steel ( $400^{\circ}\text{C max.}$ )

#### 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]

Ordering example:

**SCR206-1-Pt100-M-WS-1500-B-2**

Single RTD temperature sensor, 1xPt100, B tolerance class, 2-wire measuring circuit, brass thermowell, fiberglass insulation, connection cable length 1500 mm

