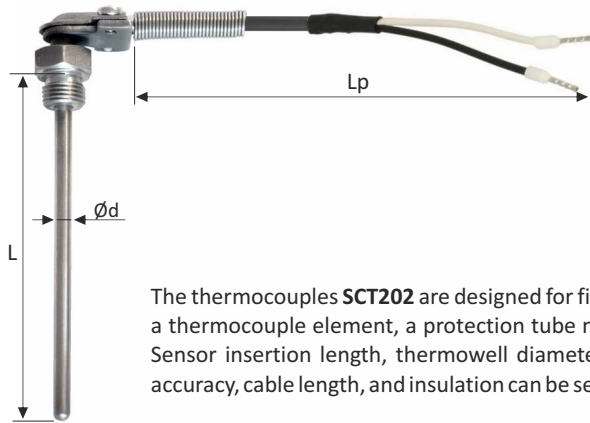


SCT202

- temperature range $-40 \div 400^{\circ}\text{C}$ (depending on the cable used)
- stainless steel sheath
- minimum sheath length: 15 mm, minimum sheath diameter: 2 mm
- any maximum sheath length
- thermowell spring protection against excessive cable bending



The thermocouples **SCT202** are designed for fitting directly into a drilled hole or process. Consist of a thermocouple element, a protection tube made out of stainless steel, and a connection cable. Sensor insertion length, thermowell diameter, process connection thread, number of sensors, accuracy, cable length, and insulation can be selected individually for the respective application.

Application areas:
 - fine chemical industry,
 - light energy industry,
 - general industrial services.

CONNECTION CABLES

Diagram	Insulation design	Temperature range	Code
	- double fibreglass - stainless steel - cond: nickel plated copper	$-40 \div 400^{\circ}\text{C}$	WS
	- PVC - cond: nickel plated copper	$-10^{\circ}\text{C} \div 105^{\circ}\text{C}$	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	$-40^{\circ}\text{C} \div 250^{\circ}\text{C}$	SS
	- teflon - teflon - cond: nickel plated copper	$-40^{\circ}\text{C} \div 205^{\circ}\text{C}$	TT

ORDERING

SCT202-X-X-X-X-X-X-X-X

temperature sensor:

- 1 : single
- 2 : double

sensing element:

- J
- K
- N
- other, please specify

sheath diameter (Ød):

- 4 mm
- 5 mm
- other, please specify

sheath length (L):

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

process connection:

- G1/2"
- M10x1
- M14x1,5
- other, please specify

accuracy class:

- class 1
- class 2

junction type:

- SO : junction isolated from the sheath
- SU : junction grounded

connecting 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:

SCT202-1-K-4-100-M14x1,5-WS-1500-SO-2

Single TC temperature sensor, K thermocouple, 2 tolerance class, thermowell diameter 4 mm and length 100 mm, fibreglass insulation, process connection M14x1,5 mm, cable length 1500 mm, hot junction isolated from the sheath

