

# SCT206



- temperature range  $-40 \div 400^{\circ}\text{C}$  (depending on the cable used)
- stainless steel or brass sheath
- mounting through the hole M4
- thermowell spring protection against excessive cable bending

The thermocouples **SCT206** are designed for assembling directly onto machine parts or other construction elements. Consist of a thermocouple sensor, protection tube, made out of stainless steel 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	$-40 \div 400^{\circ}\text{C}$	WS
	- PVC - cond: nickel plated copper	$-10^{\circ}\text{C} \div 105^{\circ}\text{C}$	PVC
	- teflon - stainless steel - teflon - cond: nickel plated copper	$260^{\circ}\text{C max.}$	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	$-40^{\circ}\text{C} \div 250^{\circ}\text{C}$	SS
	- teflon - teflon - cond: nickel plated copper	$-40^{\circ}\text{C} \div 205^{\circ}\text{C}$	TT



## ORDERING

**SCT206-X-X-X-X-X-X-X**

**temperature sensor:**

- 1 : single
- 2 : double

**sensing element:**

- J
- K
- N
- 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 ( $400^{\circ}\text{C max.}$ )

**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]

Ordering example:

**SCT206-1-J-M-WS-1500-SO-2**

Single TC temperature sensor, K thermocouple, 2 tolerance class, brass thermowell, fiberglass insulation, connection cable length 1500 mm, hot junction isolated from the sheath

