

### STCHTC1

**Temperature sensor**  
for self-regulating heating cables



#### APPLICATIONS

- Temperature sensing in pipe and tanks self-regulating heat tracing systems, in combination with CTRHTC1 control unit

#### FEATURES

- Operating mode: temperature sensing
- Signal type:  $\Omega$  (resistance)
- Sensor type: Platinum thermoresistor (100  $\Omega$  at 0 °C)
- To be used in combination with CTRHTC1 control unit** (page 209)
- Accuracy (IEC CEI EN 60751): class B
- Degree of protection: IP68
- Operating temperature range (sensor + cable): -50 °C / +110 °C
- Sensor dimension= (Diam. x Length): 5 x 20 mm
- Connecting cable: Conductor cross-section: 2 x 1,5 mm<sup>2</sup>  
Cable length: 1,5 m (extensible up to 50 m)

ref.	description	min. / mult. ord.qty (pcs)
STCHTC1	STCHTC1 Contact temperature sensor	1

### STUHTC1

**Outdoor temperature, humidity and snow detection combined sensor**  
for ramps and pavements



#### APPLICATIONS

- Temperature, humidity conditions and snow presence detection for the control unit CTAHTC1 in heating tracing systems on outdoor surfaces (pedestrian and vehicles).
- Connection to CTAHTC1 or CTAHTC2 control unit

#### FEATURES

- Installation flush to surface to be heated
- Degree of protection: IP68
- Operating temperature range: -50 / +70 °C
- Dimensions: 63,5 x 78 mm ( $\varnothing$  x h) – Weight: 250 g
- Connecting cable: Conductor cross-section: 6 x 1,5 mm<sup>2</sup>  
Length: 10 m (extensible up to 200 m, with total wire resistance less than 10  $\Omega$ )

ref.	description	min. / mult. ord.qty (pcs)
STUHTC1	STUHTC1 Outdoor temperature, humidity and snow detection combined sensor	1