

## CABLE TEMPERATURE SENSOR TEKY6 T1

TEKY6 T1 temperature sensor is designed for automatic HVAC systems

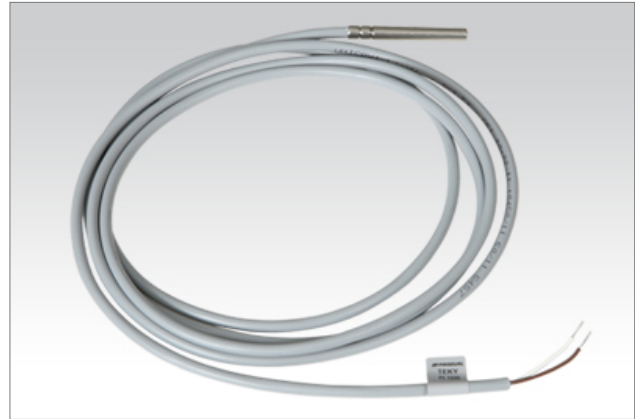
Temperature is detected by a T1 sensor element with a nominal resistance of 2226  $\Omega$  at 0 °C.

Sensor element is inserted in a sleeve of stainless steel. Rolled sleeve gives good protection against water and dust (IP67).

There is also available TEKY6S sensor with a silicone cable for harsh conditions.

### Sensor resistance at different temperatures:

°C	$\Omega$	°C	$\Omega$
120	3552	25	2480
100	3311	20	2429
90	3194	15	2377
80	3079	10	2326
75	3022	5	2276
70	2966	0	2226
65	2910	-5	2176
60	2855	-10	2127
55	2800	-15	2078
50	2745	-20	2030
45	2692	-25	1982
40	2638	-30	1934
35	2585	-40	-
30	2532	-50	-



### Technical data:

sensor	T1 element
sleeve	$\varnothing$ 6 mm x 45 mm, stainless steel
cable	
TEKY6	$\varnothing$ 5 mm x 2.3 m, PVC
TEKY6S	$\varnothing$ 5 mm x 2.3 m, silicone
range	
TEKY6	-30...+80 °C
TEKY6S	-50...+150 °C
accuracy	$\pm$ 0.2 °C (at 25 °C)
protection class	IP67

### Ordering guide:

Model	Product number	Description
TEKY6 NTC 10	117V320	cable sensor, T1 element
TEKY6S NTC 10	117V340	cable sensor, T1 element

Products fulfil the requirements of directive 2004/108/EC and are in accordance with the standards EN61000-6-3 (Emission) and EN61000-3-2 (Immunity).