

## CABLE TEMPERATURE SENSOR TEKY4 NTC 10-KB

TEKY4 NTC 10-KB temperature sensor is designed for automatic HVAC systems.

Temperature is detected by a NTC element with a nominal resistance of 5025  $\Omega$  (at 25 °C).

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

### Sensor resistance at different temperatures:

°C	$\Omega$	°C	$\Omega$
120	467	25	5025
100	723	20	5573
90	923	15	6126
80	1194	10	6667
75	1364	5	7183
70	1562	0	7661
65	1791	-5	8093
60	2056	-10	8472
55	2358	-15	8796
50	2702	-20	9067
45	3088	-25	9288
40	3517	-30	9466
35	3987	-40	9712
30	4492	-50	9854



### Technical data:

sensor	5025 $\Omega$ NTC element
sleeve	$\varnothing$ 4 mm x 30 mm, stainless steel
cable	$\varnothing$ 3.2 mm x 2.3 m, PVC
range	-30...+80 °C
accuracy	$\pm$ 0.5 °C (at 25 °C)
cable gland	IP67

### Ordering guide:

Model	Product number	Description
TEKY4 NTC 10-KB	117B330	flying lead sensor, 5025 $\Omega$ NTC element

Products fulfil the requirements of directive 2004/108/EC and are in accordance with the standards EN61000-6-2001: 6 (Emission) and EN61000-3-2001: 2 (Immunity).