

## DUCT TEMPERATURE SENSOR TEHU NTC 2.2

TEHU NTC 2.2 sensor is made for automatic HVAC systems to detect room temperatures.

Temperature is detected by a NTC sensor element with a nominal resistance of 2.2 k $\Omega$  at 25 °C.

Housing of white plastic (ABS) is made for mounting on a standard 60 mm junction box. Sensor matches well with other electrical flush mounting products. It can be installed together with products of "Artic"-series.

### Sensor resistance at different temperatures:

°C	$\Omega$	°C	$\Omega$
120	90	25	2252
100	153	20	2813
90	207	15	3538
80	283	10	4482
75	334	5	5718
70	395	0	7353
65	469	-5	9533
60	560	-10	12 460
55	673	-15	16 428
50	811	-20	21 860
45	984	-25	29 398
40	1200	-30	39 908
35	1471	-40	75 953
30	1814	-50	151 470



### Technical data:

sensor	NTC 2.2, 2.2 k $\Omega$ element
housing	IP20, ABS
range	0...+50 °C
accuracy	±0.25 °C (at 25 °C)
Dimension (w x h x d)	86 x 85 x 30 mm

### Ordering guide:

Model	Product number	Description
TEHU NTC 2.2	1172150	temperature sensor 2.2 k $\Omega$ at 25 °C

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