![PRODUAL measure-be sure.]

DUCT TEMPERATURE SENSOR TEHU NTC 1.8

TEHU NTC 1.8 sensor is made for automatic HVAC systems to detect room temperatures.

Temperature is detected by a NTC sensor element with a nominal resistance of 1.8 kΩ at 25 °C.

Housing of white plastic (ABS) is made for mounting on a standard 60mm 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	Ω	°C	Ω
120	110	25	1800
100	178	20	2177
90	230	15	2649
80	303	10	3241
75	349	5	3989
70	403	0	4940
65	468	-5	6159
60	545	-10	7730
55	638	-15	9771
50	750	-20	12 443
45	885	-25	15 969
40	1049	-30	20 659
35	1250	-40	35 480
30	1496	-50	63 229

Technical data:

sensor	NTC 1.8, 1.8 kΩ element
housing	IP20, ABS
range	0…+50 °C
accuracy	±0.3 °C (at 25 °C)
Dimension (w x h x d)	86 x 85 x 30 mm

Ordering guide:

Model	Product number	Description
TEHU NTC 1.8	117E150	temperature sensor 1.8 kΩ at 25 °C

Products fulfill 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).