

## AVERAGE TEMPERATURE SENSOR TEKA NTC10

TEKA NTC10 sensor is made for detecting and averaging temperature in a large air duct.

Temperature is detected by four NTC10 thermistors.

Thanks to the special mechanical construction the sensor is able to detect temperature throughout its entire length.

Housing is made of heat resistant plastics.

Screw cover and terminal blocks tilted to 45° make an easy installation.

Sensor is mounted to the duct by means of an adjustable flange and springs.



### Technical data:

Sensors	4 x 10 kΩ NTC thermistor
Mounting	∅ 10 mm hole and flange, 3 springs
Housing	plastic (< 120 °C)
Prot. class	IP 54, cable entry down
Cable entry	M16
Range	-50...70 °C
Accuracy	± 0.2 °C (0 °C)
Meas. element	3 m
Accessories (included)	3 pcs mounting springs

### Temperature/Resistance:

°C	NTC 10 / Ω	°C	NTC 10 / Ω
120	389.0	25	10000.0
100	680.0	20	12490.0
90	917.7	15	15710.0
80	1258.0	10	19900.0
75	1480.0	5	25400.0
70	1752.0	0	32650.0
65	2082.0	-5	42340.0
60	2488.0	-10	55330.0
55	2968.0	-15	72980.0
50	3603.0	-20	97070.0
45	4368.0	-25	130400.0
40	5327.0	-30	177000.0
35	6532.0	-40	336500.0
30	8057.0	-50	670100.0

### Ordering guide:

Model	Product number	Description
TEKA NTC 10	1175130	averaging temperature sensor, 3m 10 kohm / 25 °C

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

### Produal Oy

Keltakalliontie 18  
48770 Kotka  
FINLAND  
[www.produal.fi](http://www.produal.fi)

Puh: +358-5-230 9200  
Fax: +358-5-230 9210  
[info@produal.fi](mailto:info@produal.fi)