

AVERAGE TEMPERATURE SENSOR TEKA NI1000-LG

TEKA NI1000-LG sensor is made for detecting and averaging temperature in a large air duct.

Temperature is detected by four Ni1000-LG elements. 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 Ni1000-LG
Mounting	Ø 10 mm hole and flange, 3 springs
Housing	plastics (< 120 °C)
Prot. class	IP 54, cable entry down
Cable entry	M 16
Range	-50...70 °C
Accuracy	± 0.5 °C (at 0 °C)
Meas. element	3 m
Accessories (included)	3 pcs mounting springs

Temperature/Resistance:

°C	Ni1000LG/Ω	°C	Ni1000LG/Ω
120	1616,4	25	1114,0
100	1500,0	20	1090,7
90	1444,4	15	1067,6
80	1390,1	10	1044,8
75	1363,5	5	1022,3
70	1337,1	0	1000,0
65	1311,1	-5	978,0
60	1285,4	-10	956,2
55	1260,1	-15	934,7
50	1235,0	-20	913,5
45	1210,2	-25	892,5
40	1185,7	-30	871,7
35	1161,5	-40	830,8
30	1137,6	-50	790,9

Ordering guide:

Model	Product number	Description
TEKA NI1000-LG	1178130	averaging temperature sensor, 3m, 1000 ohm / 0 °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).

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