

AVERAGING TEMPERATURE SENSOR TEKA NI1000-LG-500

TEKA NI1000-LG-500 sensor is made for detecting the averaging temperature in a large air duct.

Housing is made of heat resistant plastics.

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.

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

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



Technical data:

Sensors	4 x Ni 1000-LG
Stem	Ø 8 mm x 500 mm
Duct mounting	adjustable flange
Housing	plastic (< 120 °C)
Prot. class	IP 54, cable entry or stem down
Cable entry	M16
Range	-50...70 °C
Accuracy	± 0.5 °C (at 0 °C)

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 NI 1000-LG-500	1178170	averaging temperature sensor, 500 mm 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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