

## **Temperature sensor DX1110**



DX1110 temperature sensor is designed for use in the normal space, for measuring the temperature in the rooms.

The sensing element (Pt 1000) is placed on printed circuit boards (measuring module), which is also a terminal block for connecting the wires used to connect the sensor to the controller and a jumper to calibrate the sensor (offset the impact resistance of the wires - after calibration needs to disengage).

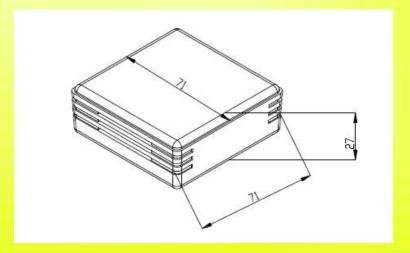
The module is placed in a plastic housing with ventilation holes. Case is placed in wall with two screws.

- Sensor Pt1000
- Wall mounting
- Linear transfer
- Long-term stability
- Reliability

Temp [°C]	R [Ω]	
-30	882,2	1500
-20	921,6	4400
-10	960,9	1400
0	1000,0	1300
10	1039,0	
20	1077,9	1200
30	1116,7	
40	1155,4	1100
50	1194,0	
60	1232,4	1000
70	1270,7	
80	1308,9	900
90	1347,0	800
100	1385,0	-30 -20 -10 0 10 20 30 40 50 60 70 80 90 100 110
110	1422,9	

## **Technical data**

Measuring component Mechanical dimensions Measure range Measure accuracy PT1000 71 x 71 x 27 mm -20°C až 100 °C 0,5%



DUEL Námestovo s.r.o., Florinova 928/9, 029 01 Námestovo

tel: +421 43 5591092 fax: +421 43 5591091 duel@duel-ltd.sk www.duel-ltd.sk