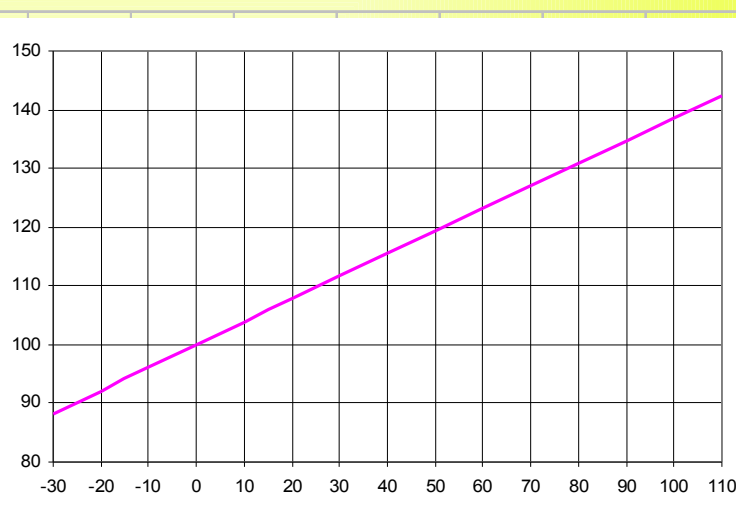# duel

Temperature sensor   DX1010

DX1010 temperature sensor is designed for use in the normal space, for measuring the temperature in the rooms.

The sensing element (Pt 100) 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 Pt100
- Wall mounting
- Linear transfer
- Long-term stability
- Reliability

Temp [°C]	R [Ω]
-30	88,22
-20	92,16
-10	96,09
0	100,00
10	103,90
20	107,79
30	111,67
40	115,54
50	119,40
60	123,24
70	127,07
80	130,89
90	134,70
100	138,50
110	142,29

Technical data

Measuring component	PT100
Mechanical dimensions	71 x 71 x 27 mm
Measure range	-20°C až 100 °C
Measure accuracy	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