Temperature sensor TST100

Short description

TST100 is a digital sensor, provides a low cost option for temperature measurement. The head of the sensor is made of aluminum, allowing low thermal resistance to the controlled object.

The temperature sensor is delivered with 1 meter cable with soldered wires for direct connection to the screw terminals of controller.

TST100 is based on DS18B20 – Maxim's 1-Wire digital thermometer.

Technical parameters

Temperature range	-40 to +85	°C
Accuracy	± 0.5	°C
Head's dimensions	8 x 8 x 23	mm
Cable length	1	m
Weight	40	g
Communication interface	1-Wire	

Pinout

yellow	+3 to +5.5V
green	Data 1-Wire
brown	Ground

Rev. 3 – June 2012