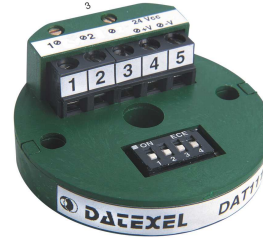


Transmitter for PT100, DAT 1111, DAT 2065 programmable by switch

Features:

- Input from Pt100;
- Input scale in °C or °F;
- Zero and Span programmable by DIP-switches;
- 4÷20 mA current loop linearised output;
- Good accuracy and linearity;
- EMC compliant – CE mark;
- Head mounting→DAT111, rail mounting→DAT2065;



Applications:

- Monitoring and controlling temperature in: control processes, automatic systems, energy management;

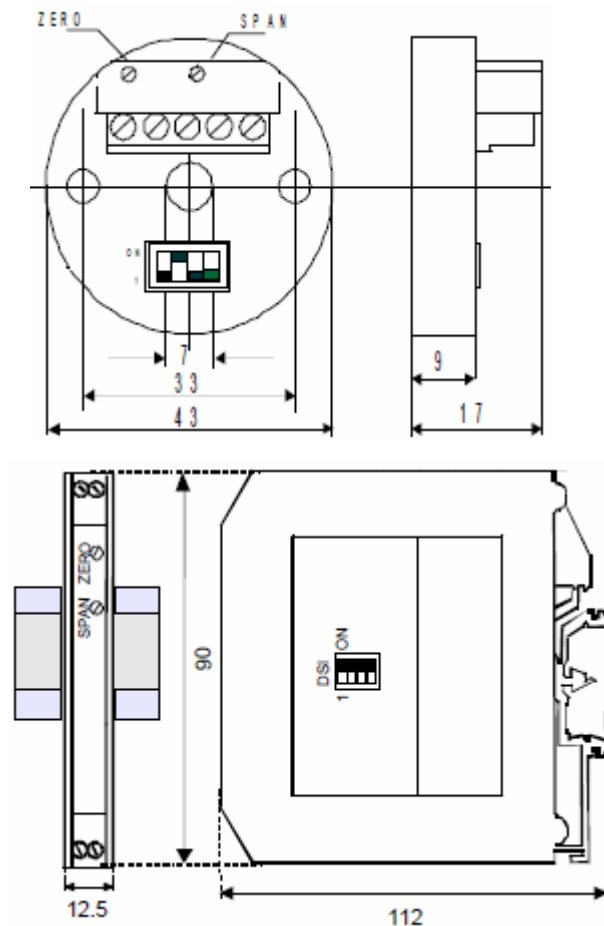
Technical specifications:

Senzor type	RTD PT100
Minim input Span	50°C (122°F)
Zero programmability	-50÷50°C (-58÷122°F)
Span programmability	50÷650°C (122÷1202°F)
Excitation current	Typical 1mA
Line resistance influence	0.05 % of f.s./Ω(max. 100Ω/wire)
Output type	4÷20mA
Sensor interruption signalling	Positive out of scale (>20mA)
Maximum output signal	35mA
Response time (from 10-90%)	300ms
Warm-up time	3 minute
Calibration error	±0.1% f.s.
Linearity error (*)	±0.15% f.s.
Thermal drift	0.03% f.s./°C
Power supply voltage (**)	10÷30Vcc
Electromagnetic Compatibility (EMC)	Imunity: EN 61000-6-2; Emission: EN 61000-6-4
Operating Temperature	-20÷70°C
Storage Temperature	-40÷85°C
Humidity (not condensed)	0÷90%
Weight	About 35gr

* inclusive of hysteresis, linearisation error and power supply variation

** internally protected against reverse polarity.

Dimensions (mm):



Our company can execute any model of RTD