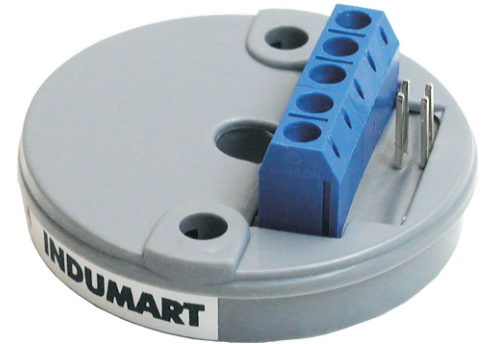




SERIES: TTH104



- **RTD INPUT**
- **2-WIRE CURRENT OUTPUT**
- **VIBRATION-PROOF DESIGN**
- **RS232 SERIAL INTERFACE FOR CONFIGURATION**

INTRODUCTION

Indumart TTH104 Series of Programmable Temperature Transmitters provide accurate and reproducible conversion of pt100 RTD signal to 2-wire 4-20 mA output.

Using the RS232 serial interface cable along with the free-of-charge programming software allows selections of the input range, the output direction and the sensor failure action by the user. Configuration is fast and easy. However, the user may specify the above parameters at the time of ordering and receive the transmitter ready for installation.

The TTH104 Series may be mounted on the standard 33 mm fixing centers of miniature RTD connection heads.

SPECIFICATIONS

Measurement Range	-50...+200°C, programmable
Measurement Error	0.2% of span or 2°C
Nonlinearity for RTD	Within the error limit
Temperature Drift	0.01% of span for 1°C
Current Output Signal	4...20 mA or 20...4 mA
Maximum Load	800Ω @ 24V / 20mA
Power Supply	8...36 VDC
Output @ Sensor Break	<3.9 mA or >20.2 mA Programmable
Interface Type	RS232 with special cable*
Ambient Condition	-30...80°C; 0...95% RH
Case Material	Hard plastic
Protection	IP20
Dimensions	Ø44 x 19 mm
Weight	25 grams

* The "CB1" cable must be ordered separately.

