Ask about Traceable Calibartion

Taishio Temperature Transmitter

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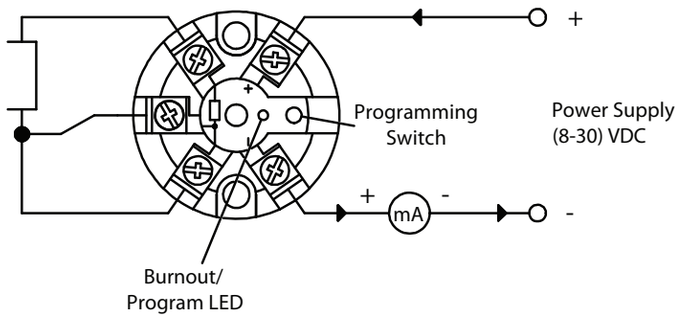

The transmitter is a low cost "smart" in head transmitter that accepts PT100 temperature sensors and converts sensor output over a configured range to a standard industial (4-20)mA transmission signal.

Specifications @ 20ºC	
Input	PT100 100R @ 2 or 3 Wire
Range	(-200 to +850) ºC (18 to 390)Ω
Min. span	25ºC
Linearisation	BS EN 60751(IEC 751) standard / JISC 1604
Measurement Accuracy	0.2ºC ± 0.05% of Reading
Excitation current	<200 µA
Max lead Resistance	20 Ohms per leg
Lead Resistance effect	0.002ºC / ohm
Output	2 wire (4 to 20) mA current loop
Range	(4.0 to 20.0) mA
Max output	21.5mA (in high burnout condition)
Min output	<3.9mA (in low burn outcondition)
Accuracy	(mA output / 2000) or 5µA
Thermal Drift	0.0025 % / ºC
Loop Voltage effect	0.2 µA / V
Max output load	[(Vsupply-10) / 21]K Ohms [Example: 700 Ohms @ 24V)
GENERAL SPECIFICATION	
Update Time	500ms
Warm up time	1 minutes to full accuracy
Ambient Conditions	-40 to 85ºC, 10 to 99% RH non condensing
Approvals	BS EN 61326
Material	ABS
Dimensions	43 mm x 21 mm
PC Interface	RS 232 via configurator

MODEL	DESCRIPTION
TS203P	Temperature Transmitter (PT100)