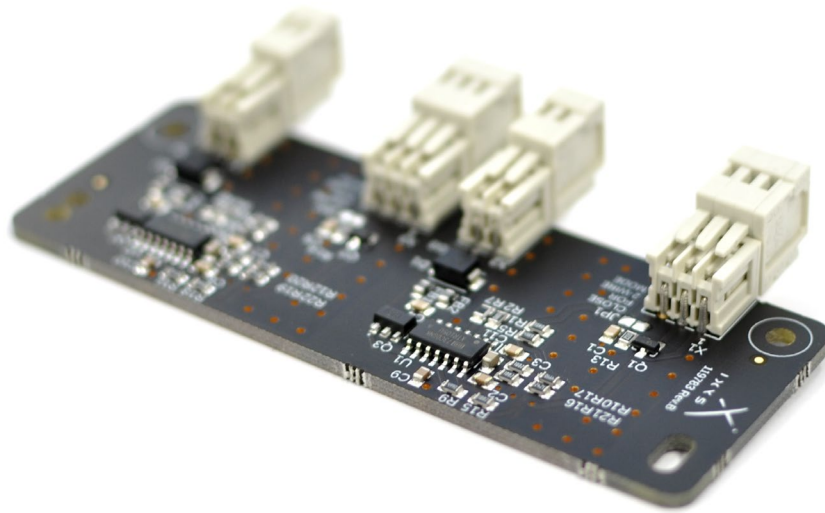


SPECIFICATIONS

PT100 CONVERTER



Description

The PT100 converter is a two-channel temperature transmitter with a fixed range of $-100\text{ }^{\circ}\text{C}$ to $200\text{ }^{\circ}\text{C}$.

The board has two individual channels that connects to a PT100 temperature probe and outputs the signal as analog 4 – 20 mA.

Both two and three wire probes can be used. The operation mode is set by shorting a couple of pads with solder on the board.

For applications where screw mounting isn't necessary, the board can be cut in half to reduce the physical size.

Features

- Fixed range – no calibration needed
- PT100 input
- Analog 4 – 20 mA output
- Two and three wire operation
- Half width PC/104 hole pattern

SPECIFICATIONS

PT100 CONVERTER

General Technical Specifications

Type		PCB Converter PT100 to 4 - 20 mA 2 ch
Dimensions	mm	96 x 35 x 13
Weight	g	~25
Temperature Operational (ambient)	°C	0 to +70
Temperature Storage	°C	-18 to +70

Electrical

Supply Voltage	V DC	24
Power Consumption	W	<1

Performance

4 - 20 mA outputs	ea	2
PT100 inputs	ea	2
Sensing range	°C	-100 to +200

Ordering Part Numbers

Description	Part Number
PCB Converter PT100 to 4 - 20 mA 2 ch	119783

Accessories

Connector 2way	100040
Connector 3way	100894

SPECIFICATIONS

PT100 CONVERTER

