

# TT-01

## HEAD / RAIL MOUNT TEMPERATURE TRANSMITTER

### Features

- On-line measurement
- 2 wire system
- 4-20 mA DC output
- Head Mount Transmitter
- Cold junction Compensation for thermocouple input

### Description

**B**RIX series TT-01 are head mount type temperature transmitters used for various industrial applications. It can accept input from RTD, J & K type of thermocouples & temperature signal is transmitted in the form of electrical 4 – 20 mA signal. Span / Zero adjustments are easily accessible. These transmitters are suitable for any make of sensor.

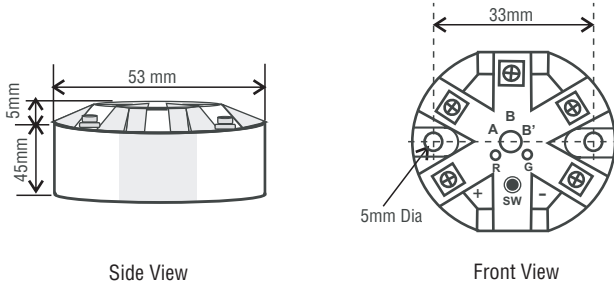


### Technical Specifications

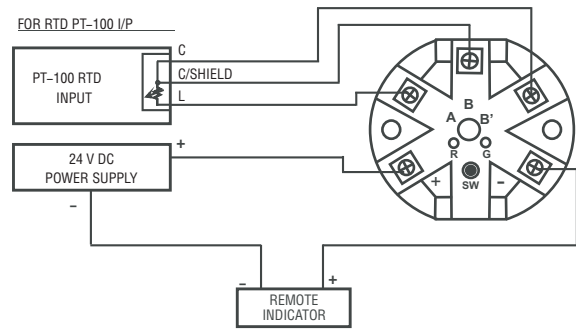
Type of Input	1) RTD (PT-100 / PT-200 ) 2 or 3 Wire
	2) Thermocouple (J / K Type)
	3) Resistance
	4) millivolt (0 to 100 mV)
Power Supply	24 V DC
Output	4 – 20 mA DC (2 Wire Non-Isolated)
Calibration Range	Factory Calibrated
Accuracy	+/- 0.25% of F. S.
Power Consumption	< 40 mW
Response Time	< 500 mSec
Temperature Coefficient	+/- 0.01% per °C
MOC Electronics Enclosure	ABS Plastic
Mounting	DIN Rail / Head Mount
Dimensions	DIN Rail : 86 mm (H) x 20 mm (W) X 58 mm (D) for Rail Mounting
	Head Mount : 30 mm (H) x 45 mm (Dia)
Weight	250 gms
Ambient Conditions	Temperature -20 to 55 °C / Humidity 5 to 95% non condensing
Certification	

Head Mount Type

Assembly Overview

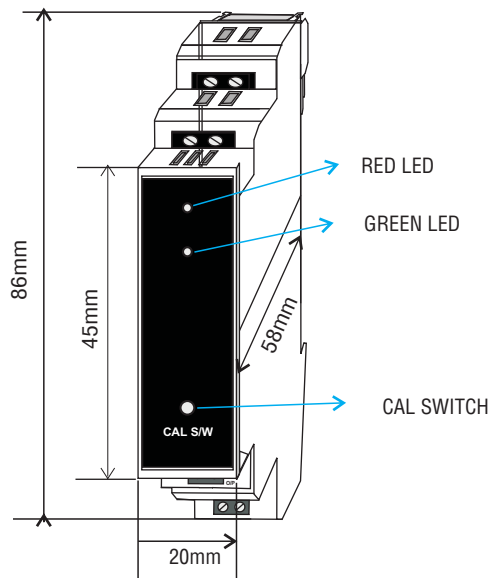


Loop Diagram

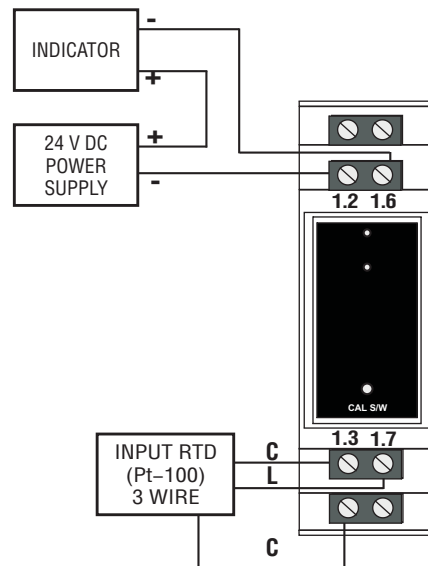


DIN Rail Type

Assembly Overview



Loop Diagram



Ordering Information

Sample Order Code : TX 1 | A1 | B1

Parameter	Code	Description
TX	TX 1	DIN Rail
	TX 2	Head Mount
A	A1	RTD
	A2	Thermocouple
	A3	Resistance
	A4	millivolt (0 to 100 mV)

Parameter	Code	Description
B	B1	RTD PT-100
	B2	RTD PT-200
	B5	Thermocouple J
	B6	Thermocouple K

Note : ▪ Due to our continuous product revisions, design specification and model numbers are subject to change without notice.  
 ▪ Accuracy defined at Lab Conditions.  
 ▪ For other requirement please consult factory.  
 ▪ Sensor & other accessories to be ordered separately.