



Name :	SENSE Head Temperature Transmitter MST10RL
Type :	MST10RL
Specifications :	•low price simple operation •Type:pt100 •Connection type:3-wire connection •Sensor current: 0.5mA

Input:

- Type:pt100
- Measurement ranges:-200 to 850°C
- Min.measurement Ranges:10K
- Connection type:3-wire connection
- Sensor current: 0.5mA

Output:

- Output signal:4 to 20mA
- Signal on alarm:Underranging:Linear drop to 3.8mA
Overranging: Linear rise to 20.5mA
Sensor break,seneor open-circuit:3.6mA or 22mA.

Accuracy :

- Input: RTD
- Type:pt100
- Accuracy:0.2K or 0.1% of span Performance characteristics
- Response time: 1s
- Referenzbedingungen: Calibration temperature:+23°C(73.4K)±5K
- Long term stability: ≤ 0.05%year
- Switch on delay: ≤5s
- Influence of ambient: Negligible
- Load influence: Negligible

- Power supply influence: Negligible
- Resolution: 1μA
- Storage temperature
- Ambient temperature limits: 40 to +85 °C (-40 to 185 °F)
- Storage temperature: -40 to +100 °C (-40 to 212 °F)
- Condensation: Allowable
- Degree of protection: IP00/IP66 installed
- Shock and vibration resistance: 4g/2 to 150 Hz as per IEC 60 068-26
- Electromagnetic compatibility (EMC) : Interference immunity and interference emission according to
- GB/T17626.2-1998), compliance with IEC 61000-4-3:1995

Others :

- Dimensions: 44 mm X 22.5 mm
- Weight: Approx. 33.5g
- Materials: Housing: PC; Potting: epoxy