Ajmer Thermotech Pvt. Ltd.

Shanti Ashram, Hathi Bhata, Ajmer-305001 (Raj.)
Ph.: +91-9414008884, +91-145-2626398
Email: info@atplajmer.com
Website: www.thermocouplesindia.in

Description: Head mounted temperature transmitter is used for resistance thermometer (RTD), thermocouple (TC), Resistance transmitter, voltage (mV) signal input, two wire 4-20mA analog output, mounted inside transmitter



Function:

- Transfer various kinds of input signal into 4-20mA output
- Input: RTD, Thermocouple
- Configuration by PC
- 2 kinds of resistance thermometer input (RTD)
- 8 kinds of thermocouple (TC)
- Built-in cold junction compensation

Technical Parameter:

- Output Signal: 4-20mA
- Max Load: max. (V power supply-7.5V)/0.022A (current output)
- Measurement: tempt-linearity, resistance-linearity, voltage-linearity
- Circuit limit: ＜=22Ma
- Response time: ＜=1second
- Saturation current: Low side 3.9mA, high side 20.5Ma
- Smart Temperature Transmitter (Not Isolated) KH213 Alarm current: sensor damager or sensor turnoff output is 3.9mA or 22mA(except TC)
- Accuracy: 0.1%FS
- Measuring accuracy is related to measuring rang
- Power supply: U=12V to 40V
- Working temperature: -40 to 85℃
- Storage temperature: -40 to 100℃
- Condensation: Allowable
- Protection: IP00; IP66 (mounted)
- Earthquake resistance:4g/2 to 150HZ
- Voltage affection: can ignore
- Mounted angle: no limit
- Mount area: top of B type box