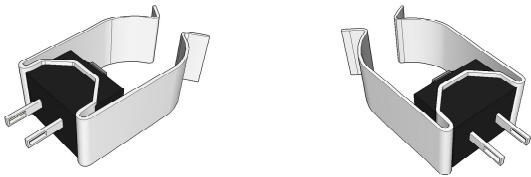


CH Series Pipe-Clip Temperature Sensor

Design & Function

The CH sensor has been designed to simplify the measurement and control of hot and cold water systems. It is a fast response sensor incorporated within a PBT housing and fitted with an integral spring steel clip and push on terminals



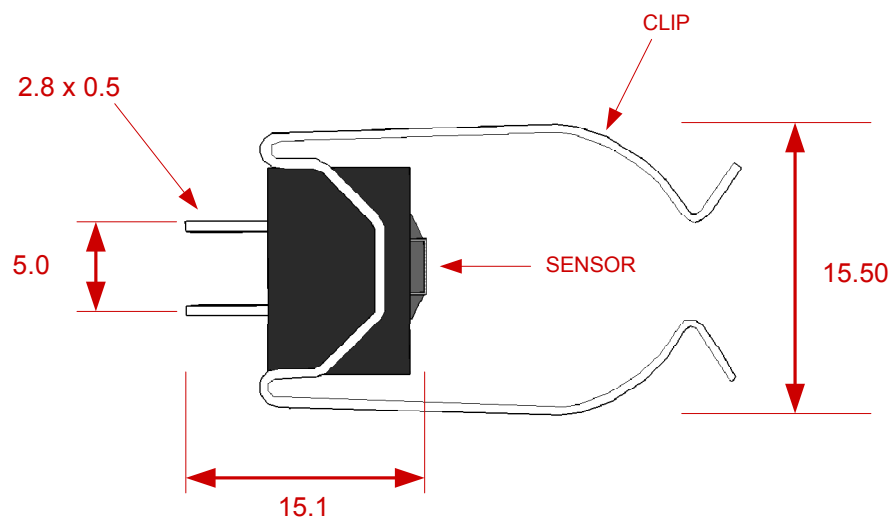
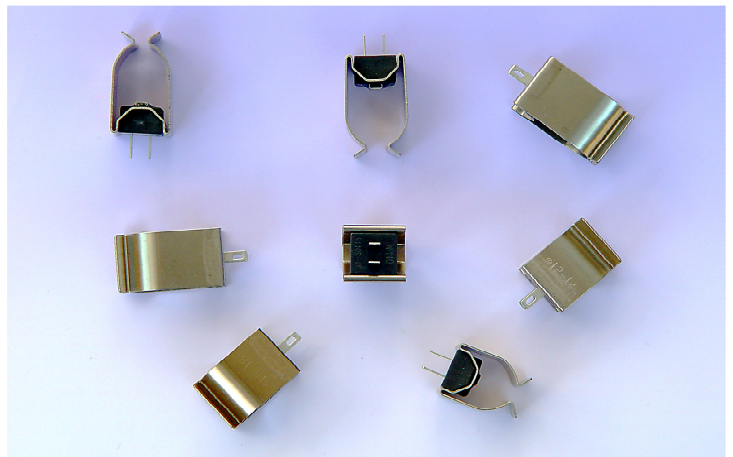
Features & Benefits

- Fast response ($T_c < 1s$)
- Simple to install
- High moisture resistance
- Fits pipe diameters 12 – 22mm
- Cost effective

Specifications

- Time Constant: < 1 second
- R25 Value: 10kohms
- B25/85 Value: $3969K \pm 1\%$
- R85 Accuracy: $\pm 1K(^{\circ}C)$
- Operating Temp Range: $-20/+120^{\circ}C$
- Di-Electric Strength: 500VAC for 1 Minute

The spring clip can be used to mount the sensor onto metal pipes, where the sensing portion is held tight against the pipe surface. This gives a quick and accurate temperature measurement of the liquid inside the pipe and thus eliminates the need for any invasive holes, etc.



Dimensions in mm