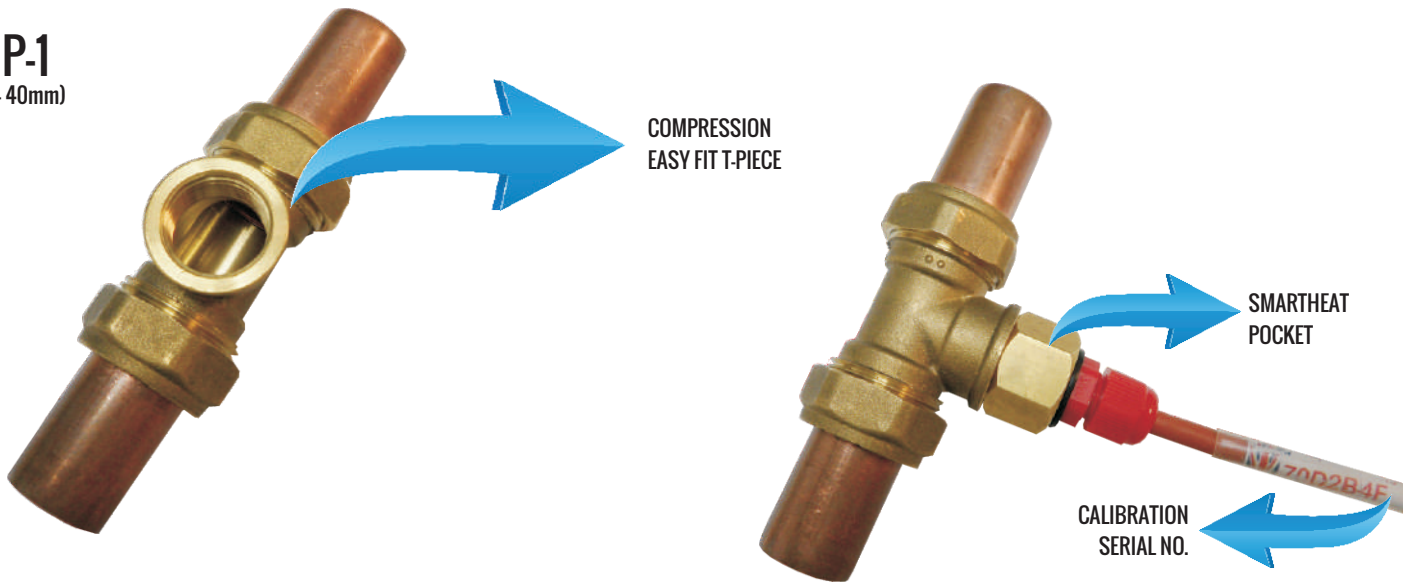


# SMARTHEAT METER TEMPERATURE SENSORS

## KEY FEATURES

- Digital High Accuracy Sensors (DHAS) provides high accuracy and reliability for temperature measurement of liquids, both hot and cold water piped systems
- Each device has a unique 64 bit serial code stored on an onboard ROM (sensors cannot be wired incorrectly at installation)
- Digital signalling ensures both high accuracy and ease of installation
- Does not require calibration over the 20 year lifespan
- DHAS sensors can be trimmed without damaging accuracy and do not have to be a matched pair

### IMP-1 (15mm - 40mm)



## SPECIFICATIONS

- Temperature Operating Range  $-55^{\circ}\text{C} + 125^{\circ}\text{C}$
- Storage Range  $+55^{\circ}\text{C} + 130^{\circ}\text{C}$
- Accuracy 0.5% for each sensor (tested by The National Measurements Office)

## CABLE CONSTRUCTION

- 3 Wire heat resistant cable 0.5mm
- Temperature range  $-25^{\circ}\text{C}$  to  $130^{\circ}\text{C}$
- Silicone insulation
- Fire exposure minimal smoke and fumes

## LONG DISTANCE TEMPERATURE SENSORS

Are available for sizes up to a maximum distance of 50 metres  
Sensors are standard version at 1.5m  
Long Distance Sizes 5m; 10m; 20m; 50metres

### IMP-2 (15mm - 200mm)

