



# TEMPERATURE PROBES

## THERMOCOUPLE RTD AND THERMISTOR ASSEMBLIES

- Standard or Custom Probes
- Thermocouple, RTD or Thermistor
- Choice of Connection Heads
- Can be supplied with in-head transmitter
- Thermowells, compression fittings and other accessories available
- UKAS calibration service available



### Description

Industrial Interface can supply a complete range of temperature probes including thermocouples RTD's and thermistor type sensors.

In addition we can supply the Z-HEAD ZigBee wireless temperature transmitter which can be used with any temperature sensor and the Z-PORT or Z-200 receivers to obtain a 4-20mA or RS232/Ethernet output via a wireless link.

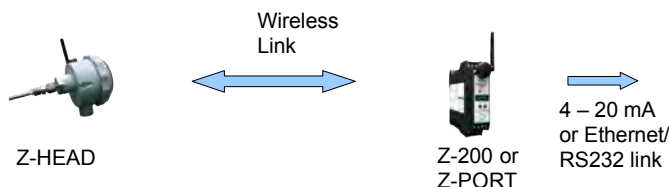
The following is a brief list of the type of probes we can offer.

- Mineral Insulated thermocouples
- General Purpose thermocouples
- Explosion Proof thermocouple
- Exposed junction thermocouples
- Noble metal thermocouples
- Chemical resistive thermocouples
- Molten metal thermocouples
- Platinum resistance thermometers
- Thermistor sensor elements and probes.

A wide range of connection heads are available, from plastic general purpose units to Explosion proof ATEX rated units.

Industrial Interface can also arrange calibration to UKAS standards for all temperature and humidity sensors and instruments. This can be done either on or off-site.

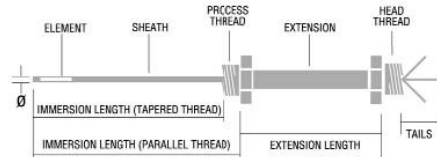
For more details please contact our sales department.



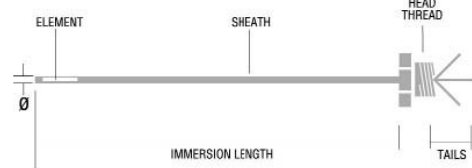
### Temperature Sensor Styles

A number of different sensor styles are available, if the particular configuration you are after isn't listed please call.

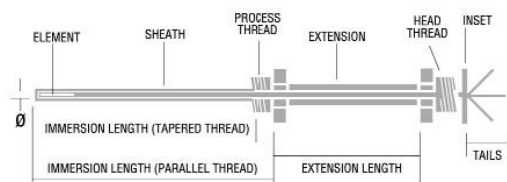
Style 1: Welded 316 stainless steel construction with 1/2" BSP process connection. Wide range of heads.



Style 2: Welded 316 construction for use with a compression fitting.



Style 3: Combined inset sensor and pocket, a spring mounting kit allows the sensor to be quickly replaced without affecting an on-going process as the pocket remains in-situ.

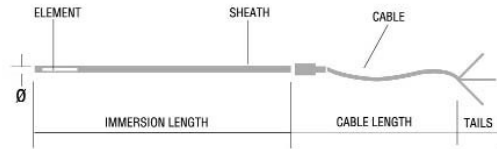


More styles overleaf.

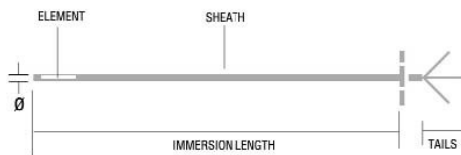


## Temperature Sensor Styles, continued..

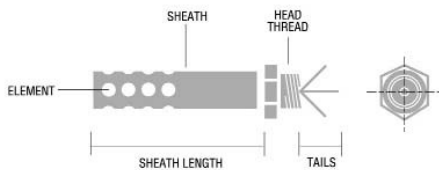
Style 4: Flying lead sensor with stainless steel sheath for use with a compression fitting.



Style 5: 316 Stainless steel sensor suitable for energy management applications such as duct air temperature.



Style 6: 316 Stainless steel sensor with protective sheath, typically used for outside air temperature measurement.



## Connection Heads

A wide range of connection heads are available from plastic heads to stainless steel heads and the more common aluminium flip-top or sc. There is also a head with built-in DISP.



## Accessories

A wide range of accessories can be chosen, from plastic and metal cable glands to compression fittings and ceramic connection blocks.

Please contact our sales department with details of the probe you are looking for and we will give you a very competitive quotation.

Ordering Information	
Please supply:	
<b>Sensor type</b>	I.e K type mineral insulated thermocouple
<b>Sensor style</b>	See above or send a drawing or sample sensor
<b>Connection Head</b>	See above or send a drawing or sample head
<b>Accessories</b>	Please specify any accessories required
<b>Wireless</b>	If a wireless sensor is required please specify Z-HEAD
<b>In-Head Transmitter</b>	Please select either TC-HEAD or RTD-HEAD or for a built-in display UNIHEAD-DISP
<b>Dimensions</b>	Please list dimensions required to obtain an accurate quotation.