

Temperature Sensors and Accessories

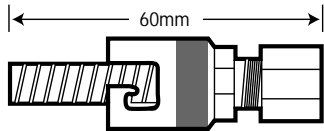
In order for the process engineer to source all of his instrumentation and sensor requirements from the one source, we offer a comprehensive range of temperature sensors manufactured by one of the UK's top manufacturers with over 25 years experience in the field. The sensors offered include a comprehensive range of Platinum Resistance Thermometers (PRTs) and Thermocouples and all of the accessories associated with temperature measurement. The next few pages detail a selection of the sensors that we have to offer including various accessories and information on thermocouple connectors, extension and compensating wires and cables. For more details please contact our internal sales department.

ACCESSORIES

Bayonet Assemblies

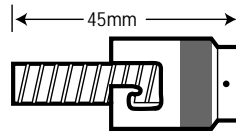
This range of spring loaded bayonet assemblies provide simple, rapid and reliable methods of installing and securing probes. Adjustable or fixed bayonet assemblies are available to suit the application: the fixed assembly is available in kit form for customer fitting or can be supplied fitted to a probe at a specified distance from the tip.

Compression Gland Fitting

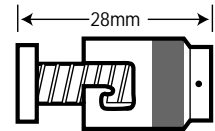


Single slot Cap internal diameter 11.4mm
suitable for 3.0mm and 4.5mm diameter probes

Grub Screw Fitting (0.05" Allen Key)



suitable for 6.0mm diameter probe

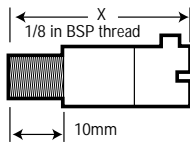


Adaptors and Convertors

This range of Bayonet adaptors and converters complements the full bayonet assembly range. Non-standard size bayonet adaptors can be manufactured to order.

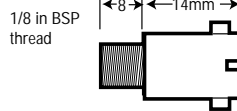
Adaptor - Single Pin

X = 22mm, 35mm, 48mm or 64mm



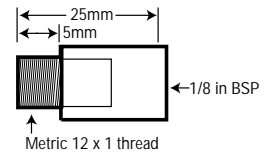
For 3.0mm and 4.5mm bayonet assemblies

Adaptor - Twin Pin



Cap internal diameter 16.0mm
For 6.0mm bayonet assembly

Metric to BSP Converter



Metric 12 x 1 thread

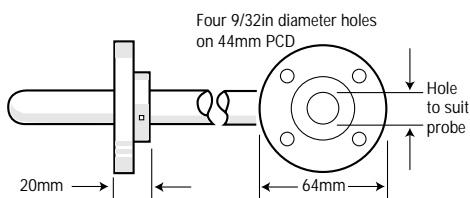
Thermowells

This range of fabricated or solid drilled thermowells are designed for installation/replacement of sensors without the necessity to drain or evacuate the process. They are particularly suitable for high pressure process environments in pipe or duct applications. Available from stock with a 1/2" BSP male thread for process mounting as standard (other thread options available on request). The sensor can be held into the thermowell using a 1/8" BSP bayonet adaptor or compression fitting. Thermowell outside diameter 12.0mm as standard - other OD available on request.

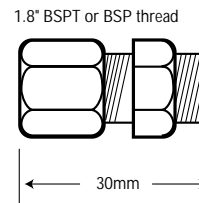
Fittings

A wide range of mounting flanges for 6.0mm diameter probes and adjustable compression fittings for 3.0, 4.5 and 6.0mm diameter probes are also available from stock.

Mounting Flanges for 6.0mm diameter probes



Adjustable Mounting Compression Fittings



SIGNAL CONDITIONING

For DIN rail, bulkhead, eurocard 19" rack or head mounting, isolating or non-isolating, PRT and Thermocouple converters for normal or hazardous area environments, please refer to the AlphaMINI, AlphaDIN, Alphabet, QC series and TempTRANS ranges earlier in the catalogue.