

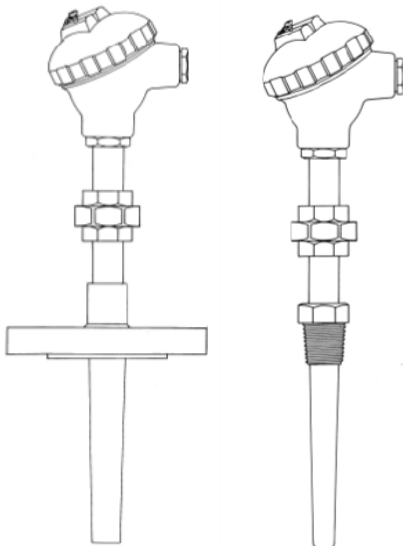
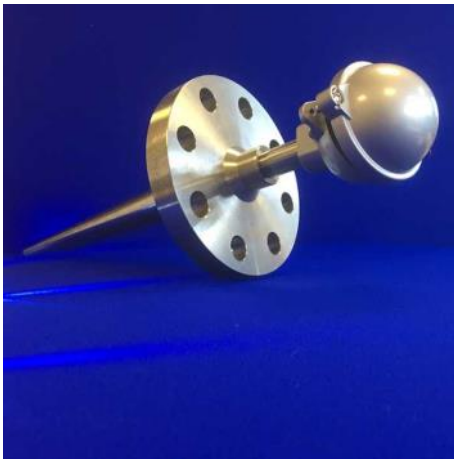
Product Code:

HD
HDS
HDF

Description:

Many areas of process plant demand temperature sensors with a rugged construction to meet both the demands of the process and the installation environment. A thermowell machined from solid bar stock offers a higher integrity for those more demanding process parameters.

The HD series consists of a solid drilled thermowell and a removable spring loaded sensor insert. This allows removal of the insert, for example for calibration, without disturbing the process.



Specification:

THERMOWELL MATERIAL	316, 304, 321, 310 stainless. Inconel Hastelloy C, Monel, Nickel 200 and Titanium also available.
THERMOWELL DIMENSIONS	Diameter : Parallel or tapered Metric: any size Imperial: 1/4" to 3/4" Length: 50mm to as required Lagging extension can also be specified
PROCESS CONNECTION	HD: none / plain sheath HDS: Screwed BSPT/BSPP/NPT any size. HDF: Flanged, any size
RTD INSERT	
RTD SENSOR	Single or duplex with 2, 3 or 4 wire connection. Triplex 2 wire connection Tolerance: Class 'B', 'A', 1/3 or 1/10 DIN Temperature Range: Standard -50 to +250°C (-58 to +480°F) High temperature range -50 to +500°C (-58 to +930°F).
THERMOCOUPLE INSERT	
THERMOCOUPLE SENSOR	Single, duplex or triplex elements. Types: T (Cu/Con), E (NiCr/Con), J (Fe/Con), K (NiCr/NiAl), N (Nicrosil/Nisil) to BS EN 60584-1:2013. Temperature Range: Standard -50 to +250°C (-58 to +480°F) High temperature range 0 to +850°C (-58 to +1560°F).
TERMINAL HEAD	See next page Die cast aluminium as standard. Stainless steel and polypropylene options available. Complete with terminal block or transmitter
TEMPERATURE TRANSMITTER	Can be specified with an in head transmitter for 4-20mA output

Datasheet : 047

Accessories

KNE



BUZ (Aluminium or st st)



LS 316 stst



BUZ-H Duplex



KPP White or Black FDA



YCE



Range of PR Transmitters



Compression Fittings



Thermocouple Cable

