

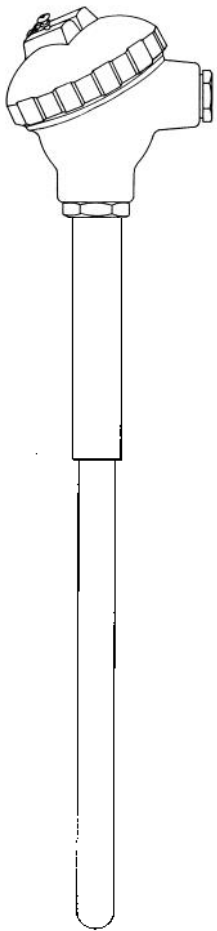
Product Code:

HTF
HTFS
HTFF

Description:

For continuously high temperatures in excess of 1100°C, types R, S and B thermocouples are used, together with different types of heat resistant ceramic protection tubes, dependant on the process media.

As with all high temperature sensor assemblies, those with long sheath lengths should be either independently supported or mounted in a vertical or near vertical orientation to resist 'droop'.



Specification:	
OUTER PROTECTION TUBE MATERIAL	Aluminous porcelain, recrystallised alumina, silicone carbide and others. Inner dimensions to suit.
INNER PROTECTION TUBE MATERIAL	Optional. Aluminous porcelain, recrystallised alumina, silicone carbide and others. Inner dimensions to suit.
SUPPORT TUBE	316 stainless steel as standard, length and diameter to suit protection tubes.
PROCESS CONNECTION	HTF: none / plain sheath HTFS: Screwed BSPT/BSPP/NPT any size. HTFF Flanged, any size
THERMOCOUPLE SENSOR	Single or duplex elements Type R (Pt-13% Rh/Pt) Type S (Pt-10%Rh/Pt) Type B (Pt-30% Rh/Pt-6%Rh) In 0.3mm, 0.35mm, 0.45mm or 0.50mm diameter wire To BS EN 60584-1:2013 Supported and insulated by ceramic insulators Temperature Range: 0 to +1700°C (-32 to +3092°F) depending on type.
TERMINAL HEAD	In die-cast aluminium with hinged, screw down cap and cable entry screwed M20. Environmentally rated to IP67.
TEMPERATURE TRANSMITTER	Can be specified with an in head transmitter for 4-20mA output

Datasheet : 050

Accessories

BUZ (Aluminium or st st)



BUZ-H Duplex



Range of PR Transmitters



Glass Fibre Thermocouple
Wire



High Temperature
Thermocouple Wire

