

THERMOCOUPLE, TEMPERATURE SENSOR

BROIL

Accuracy : As per ASTM/DIN

Type : J,K,R,S,T,B,

Principle : Thermocouples are pairs of dissimilar metal wires joined at least at one end, which generate a net thermoelectric voltage between the the open pair according to the size of the temperature difference between the ends,

Range : Type K ([Chromel \(Ni-Cr alloy\)](#) / [Alumel \(Ni-Al alloy\)](#)) : -200 °C to + 1200 °C range
 Type J ([Iron](#) / [Constantan](#)) : -40 to + 750 °C
 Type B ([Platinum-Rhodium](#)/Pt-Rh) : up to 1800 °C.
 Type R (Platinum /Platinum with 13% Rhodium): up to 1600 °C.
 Type S (Platinum /Platinum with 10% Rhodium): up to 1600 °C.
 Type T (Copper / [Constantan](#)) : -200 to 350 °C

Sheath material: S.S-304/310/316/446, Nickel , Inconel-601,
 Incoloy-800, Ceramic Tube, Porcelain, Aluminum Oxide

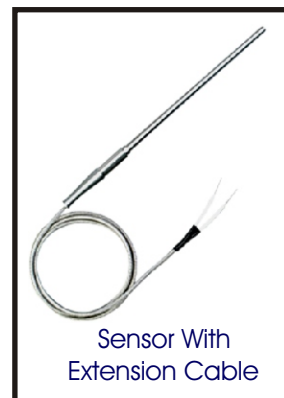
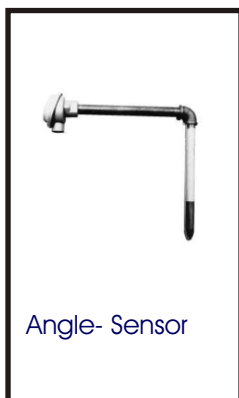
Stem od/ln : As you require

Construction : simplex/duplex/triplex

Termination Head: Weatherproof/ Explosion proof/Plug/Bare wire

Connection : Standerd Thread/ Flange/Tri-clover(as you require)

Insulation : ceramic bid/ mgo powder/ mineral insulated



-Thermocouple assembly Fine Element Alloy as an Extended Cable.

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THERMOWELL FOR TEMPERATURE SENSOR

BROIL



Construction Of Material: S.S-304/ S.S-316/ S.S.-310/ INC 600/ BRASS/Ceramic/other as per application

Type: Bar stock / welded

Connection : Standerd Thread/ Flange/Tri-clover(as you require)