



Dpstar Explosion Proof Thermocouple is designed to measure temperatures in explosive gaseous or liquid environments. Dpstar offers a wide range of standard or customised ATEX or IECEx certified temperature-sensors, single and multipoint for Gas zone 0, 1 and 2 with Exi, Exe and Exd, and Dust for zone 20, 21 and 22 approval. These sensors can be fitted with an integral certified head-mounted temperature transmitter or display unit with 4-20mA, HART or Profibus communication.

Features

- Temperature sensor range from -200°C to 1600°C depending on the sheath material.
- Thermowell connection by a nipple union nipple with 1/2"NPT connection.
- Aluminium connection head with swing cover.
- Cable entry M20x1.5mm.
- Replaceable 6mm insert with 20mm spring action.
- Calibration K, T, J, E, N, R, S or B, single or duplex.
- Can be delivered with head-mounted transmitter.
- Insertion length as required.

Applications

- Heavy duty applications
- Oil & Gas processing industry
- Gas tanker ships
- Chemical plants
- Offshore oil platforms
- Harsh environments