

Datasheet

# Mineral Insulated Thermocouples with Compact KNS Terminal Head

Type 'K' with KNS Head – 310 stainless steel



- Mineral insulated Type 'K' Thermocouple fitted with compact KNS terminal head
- 310 stainless steel sheath
- Highly flexible, sheath can be bent/formed to suit many applications and processes
- 6.0mm diameter
- Insulated hot junction
- Probe temperature range -40°C to +1100°C
- Head fitted 2-way ceramic block
- Cast aluminium finish, screw type lid with chain
- M16 x 1.5mm Plated brass gland fitted
- Max temp of head is 170°C
- IP67 rated

## Specifications

Sensor type:	Type 'K' (Nickel Chromium/Nickel Aluminium) to IEC 584
Construction:	Flexible mineral insulated probe with 310 stainless steel sheath
Element/hot junction:	Single element, junction insulated from sheath (offers protection against spurious electrical signals)
Termination:	Compact KNS head, cast aluminium finish
Probe temperature range:	-40°C to +1100°C

**310 stainless steel:** Good corrosion & oxidation resistance to suit a wide range of processes, satisfactorily operates in sulphur bearing atmospheres.  
Typical applications include brick & cement kilns, glass industry, heat treatment & annealing furnaces, power stations, flues, heat exchangers etc.

T/C Type	Probe Dia. (mm)	Probe Length (mm)	Sheath	order code
K	6.0	500	310SS	XF-1895-FAR

