

## Datasheet

# IEC Type T Mineral Insulated Thermocouples with Threaded Pot

Type 'T' with threaded pot & tails – 316 stainless steel



- Mineral insulated Type 'T' Thermocouple
- 316 stainless steel
- Highly flexible, sheath can be bent/formed to suit many applications and processes
- diameters include 1.0, 1.5 & 3.0mm
- Insulated hot junction
- Probe temperature range -100°C to +400°C
- M8 x 1.0mm fine pitch threaded pot seal (200°C)
- 100mm tails, PFA twin twisted 7/0.2mm, colour coded to IEC 584

### Specifications

|                          |   |
|--------------------------|---|
| Sensor type:             | Type 'T' to IEC 584   |
| Construction:            | Flexible mineral insulated probe with 316 stainless steel sheath with M8 x 1.0mm fine pitch threaded pot seal & tails |
| Element/hot junction:    | Single element, junction insulated from sheath (offers protection against spurious electrical signals)                |
| Termination:             | 100mm PFA twin twisted 7/0.2mm tails, +Brown/-White colour coded in accordance with IEC 584                           |
| Probe temperature range: | -100°C to +400°C  |
| Pot seal rating:         | 200°C   |

| T/C Type | Probe Dia. (mm) | Probe Length (mm) | Sheath | +Positive tail wire | -Negative tail wire | order code         |
|----------|-----------------|-------------------|--------|---------------------|---------------------|--------------------|
| T        | 1.0             | 250               | 316ss  | Brown               | White               | <b>XF-1915-FAR</b> |
| T        | 1.0             | 1000              | 316ss  | Brown               | White               | <b>XF-1938-FAR</b> |
| T        | 1.5             | 250               | 316ss  | Brown               | White               | <b>XF-1913-FAR</b> |
| T        | 1.5             | 500               | 316ss  | Brown               | White               | <b>XF-1909-FAR</b> |
| T        | 1.5             | 1000              | 316ss  | Brown               | White               | <b>XF-1924-FAR</b> |
| T        | 3.0             | 250               | 316ss  | Brown               | White               | <b>XF-1918-FAR</b> |