INDUSTRIAL TEMPERATURE SENSORS
with flanged bar stock thermowell

Specifications:

**Series**: ITS-10.000

**CONNECTION HEAD ASSEMBLY**

**Type**: series TSA-10.000 weatherproof

**Material**: cast-aluminium

**Conduit entry thread**: ¾” NPT standard; if ½” NPT, M 20 or PG 16 is required, please specify

**Terminal block**: ceramic with clamp type terminals

**Extension**: ½” galvanized nipple-union nipple length approx. 160 mm

**INSERT**

**Thermocouple**: series TEE-10.000 single or duplex (probe diameter 4.8 mm or 6.4 mm)

**Resistance thermometer**: series RTD-10.000 single or duplex 3-wire system (max. operating temperature 400 °C or 550 °C)

**Insert length ‘A’**: for replacement insert add 265 mm to ‘U’ length; for ordering information see overleaf

**For complete specification**: see separate datasheets

**THERMOWELL**

**Type**: drilled bar stock with flange type TWE-23702

**Material**: SS 316 (Wst.nr. 1.4401)

**Bore**: 7 mm

**Bar stock diameter**: 32 mm

**Flange size, rating and material**: to be specified

**Stem size**: tapered from round 22 mm to 19 mm at the tip

**Immersion length ‘U’**: to be specified; replace box in ordering code with your required length

**Total well length**: ‘U’ plus 50 mm

Ordering code:

<table>
<thead>
<tr>
<th>Probe type</th>
<th>SINGLE Complete assembly</th>
<th>DUPLEX Complete assembly</th>
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</thead>
<tbody>
<tr>
<td>J 4.8 mm</td>
<td>ITS-10162- J - □ mm□</td>
<td>ITS-12162- J - □ mm□</td>
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<tr>
<td>J 6.4 mm</td>
<td>ITS-13162- J - □ mm□</td>
<td>ITS-14162- J - □ mm□</td>
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<tr>
<td>K 4.8 mm</td>
<td>ITS-10162- K - □ mm□</td>
<td>ITS-12162- K - □ mm□</td>
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<tr>
<td>T 4.8 mm</td>
<td>ITS-10162- T - □ mm□</td>
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<td>T 6.4 mm</td>
<td>ITS-13162- T - □ mm□</td>
<td>ITS-14162- T - □ mm□</td>
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<tr>
<td>Pt 100 550 °C</td>
<td>ITS-10162- Pt100 □ mm□</td>
<td>ITS-12162- Pt100 □ mm□</td>
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<tr>
<td>Pt 100 400 °C</td>
<td>ITS-13162- Pt100 □ mm□</td>
<td>ITS-14162- Pt100 □ mm□</td>
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□ = immersion length ‘U’ in mm and flange (to be specified)