TEMPERATURE SENSORS
transmitter integrated, with thermocouple input

Specifications:
Series: XTM-20.000
Type: 2-wire transmitter with single resistance thermometer element
Thermocouple type: iron-constantan, type J, chromel-alumel, type K, copper-constantan, type T
Standard limits of error: ANSI MC 96.1 / IEC 584
Probe diameter: 6 mm
Sheath material: SS 316 for type J and T (Wstnr.1.4401) and Inconel 600 for type K (Wstnr.2.4816)
Hot junction: insulated
Cold junction compensation: 0 °C reference temperature
Temperature range: 0 °C to +1200 °C; see below, other ranges available on required
Output: 4 - 20 mA
Head temperature: -10 °C to +70 °C
Calibration accuracy: ± 0.1% of span
Power supply: 10 - 36 V DC polarity protected
Termination: terminal block with clamp type terminals; fitted by means of two M 4 screws on 33 mm centres
Max. springloading: 10 mm
Probe length 'A': to be specified; add 145 mm to 'U' length of series ITS-20.000 industrial temperature sensors

These inserts fit standard head assemblies series TSA-20.000 and standard industrial temperature sensors series ITS-20.000; more detailed information of transmitter, see datasheet A/260

For other element types, dimensions and/or use in explosive areas, please contact our nearest sales office

Ordering code: □ = probe length 'A' in mm (to be specified)

<table>
<thead>
<tr>
<th>Standard input range</th>
<th>Iron-constantan 'A'</th>
<th>Chromel-alumel 'A'</th>
<th>Copper-constantan 'A'</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 °C to +300 °C</td>
<td>XTM-21602-J□ mm</td>
<td>XTM-21602-K□ mm</td>
<td>XTM-21602-T□ mm</td>
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<tr>
<td>0 °C to +400 °C</td>
<td>XTM-22602-J□ mm</td>
<td>XTM-22602-K□ mm</td>
<td>XTM-22602-T□ mm</td>
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<tr>
<td>0 °C to +600 °C</td>
<td>XTM-23602-J□ mm</td>
<td>XTM-23602-K□ mm</td>
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<tr>
<td>0 °C to +800 °C</td>
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<tr>
<td>0 °C to +1200 °C</td>
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