TEMPERATURE SENSORS
transmitter integrated, with resistance thermometer input

Specifications:

Series : XTM-20.000
Type : 2-wire transmitter with single resistance thermometer element
Element type : Pt 100
Resistance values and tolerances : IEC 751, class B
Probe diameter : 6 mm
Sheath material : SS 316 (Wst.nr. 1.4401)
Temperature range : -50 °C to +400 °C; see below; other ranges available on request
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
Other ranges and/or classes for Pt100's are available on request.

Ordering code:

<table>
<thead>
<tr>
<th>Standard input range</th>
<th>Ordering code</th>
</tr>
</thead>
<tbody>
<tr>
<td>50 °C to +50 °C</td>
<td>XTM-21602-P1100-□ mm</td>
</tr>
<tr>
<td>0 °C to +100 °C</td>
<td>XTM-22602-P1100-□ mm</td>
</tr>
<tr>
<td>0 °C to +200 °C</td>
<td>XTM-23602-P1100-□ mm</td>
</tr>
<tr>
<td>0 °C to +300 °C</td>
<td>XTM-24602-P1100-□ mm</td>
</tr>
<tr>
<td>0 °C to +400 °C</td>
<td>XTM-25602-P1100-□ mm</td>
</tr>
</tbody>
</table>

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