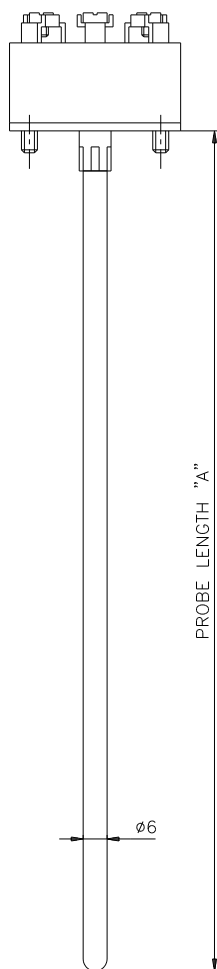


# TEMPERATURE SENSORS

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:

### Standard input range

50 °C to +50 °C  
0 °C to +100 °C  
0 °C to +200 °C  
0 °C to +300 °C  
0 °C to +400 °C

### Ordering code

'A'  
XTM-21602-Pt100 -  mm  
XTM-22602-Pt100 -  mm  
XTM-23602-Pt100 -  mm  
XTM-24602-Pt100 -  mm  
XTM-25602-Pt100 -  mm

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