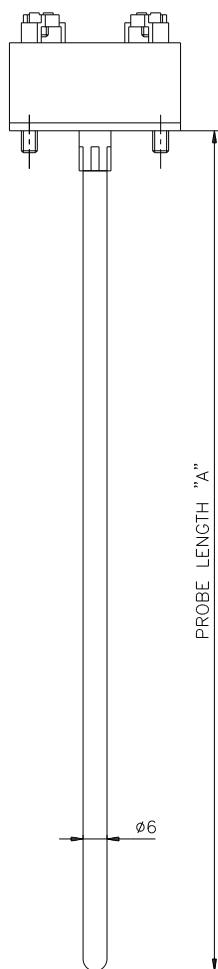


TEMPERATURE SENSORS

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)

Standard input range

0 °C to +300 °C
0 °C to +400 °C
0 °C to +600 °C
0 °C to +800 °C
0 °C to +1200 °C

Iron-constantan

'A'
XTM-21602-J-□ mm
XTM-22602-J-□ mm
XTM-23602-J-□ mm

Chromel-alumel

'A'
XTM-21602-K-□ mm
XTM-22602-K-□ mm
XTM-23602-K-□ mm
XTM-24602-K-□ mm
XTM-25602-K-□ mm

Copper-constantan

'A'
XTM-21602-T-□ mm
XTM-22602-T-□ mm