















## RTD Thermometer omnigrad TST280

Heavy duty - General purpose - M.I. replaceable inset with Nipple or Nipple and Union 1/2" NPT male connection to thermowell





with Union/Nipple

TST280 Type N with Nipple

## Description

TST280 RTD thermometer assembly includes a replaceable single or double Pt100 inset, in mineral insulated cable, which can be selected between standard or glass version (for high vibration level application).

From the TET family, the inset is available either with free wires for head transmitter mounting or with terminal board.

The terminal head can be selected from a wide choice of standard items (see the Order key or TA20 Technical Information for more details).

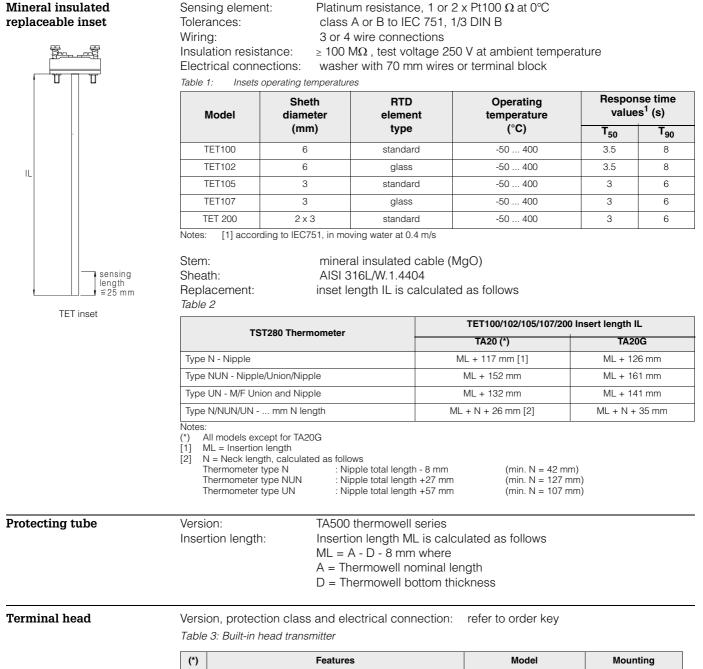
TST280 is suitable for bar stock and welded tube thermowells with 1/2" NPT female connection (refer to TA500 series).

## Application

TST280 RTD thermometer range covers a wide variety of market requirements worldwide. It is widely used in many heavy duty applications either in vessels or in pipes. Typical applications can be found in the chemical industry, petroleum refineries, power stations, boilers, incinerators and everywhere a standard mechanical resistance is sufficient.

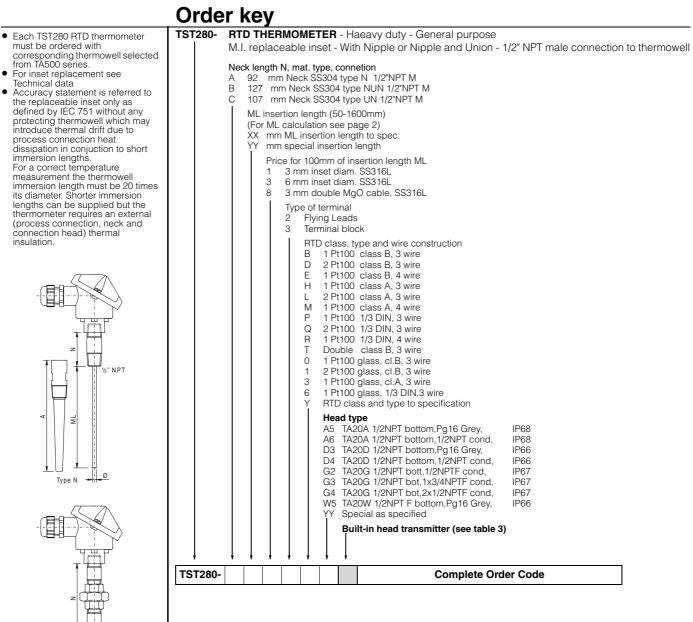


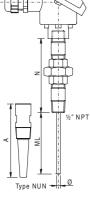


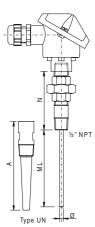


**Technical data** 

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A B C D	Transmitter 420mA, 050°C Transmitter 420mA, 0100°C Transmitter 420mA, 0150°C Transmitter 420mA, 0200°C	Analogue Fixed Range TMT137	Suitable for Form B head
P Q	420mA analogue output with I/O isolation 420mA analogue output with I/O isolation (EEx ia version)	Digital PC settable TMT181	Suitable for Form B head
J	Hart® analogue with I/O isolation	Hart®Protocol - TMT182	-
S V	Profibus-PA with I/O isolation Profibus-PA with I/O isolation (EEx ia version)	Fieldbus - TMD834	-
R T	Hart® analogue with I/O isolation Hart® analogue with I/O isolation (EEx ia version)	Hart®Protocol TMT182	Suitable for Form B head
0 1 9	Without built-in transmitter Built-in transmitter THT1, ordered separately Built-in transmitter as specified	On request	-
♦	(*) refer to the order key	<u>.</u>	
	Built-in head transmitter		







Supplementary	<ul> <li>Technical Information TET100 Ø6 mm M.I. Inset</li> </ul>	(TI071T/02/en)
Documentation	<ul> <li>Technical Information TET102 Ø6 mm M.I. Inset</li> </ul>	(TI140T/02/en)
	<ul> <li>Technical Information TET105 Ø3 mm M.I. Inset</li> </ul>	(TI103T/02/en)
	<ul> <li>Technical Information TET107 Ø3 mm M.I. Inset</li> </ul>	(TI141T/02/en)
	<ul> <li>Technical Information TET200 (20 x 2 mm M L Inpact (TI150)</li> </ul>	

- Technical Information TET200 Ø2 x 3 mm M.I. Inset (TI150T/02/en) (TI072T/02/en)
- Technical Information TA20 terminal heads
- Technical Information TA500 series specific product

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