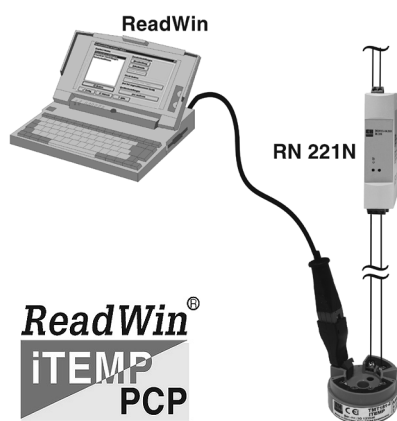


Temperature head transmitter *iTEMP PCP TMT 181*

Universal head transmitter for resistance thermometers (RTD), thermocouples, resistance and voltage transmitters, settable using a PC, for installation in a sensor head (Form B)



Application areas

PC programmable (PCP) temperature head transmitter for converting various input signals into an scalable 4...20 mA analogue output signal
Input:
Resistance thermometer (RTD)
Thermocouple (TC)
Resistance transmitter ()
Voltage transmitter (mV)
Online configuration using PC with TMT 181A configuration kit

Features and benefits

Universally PC programmable for various signals
Galvanic isolation
2 wire technology, 4...20 mA analogue output
High accuracy in total ambient temperature range
Fault signal on sensor break or short circuit, presettable to NAMUR NE 43
EMC to NAMUR NE 21, CE
Ex-Certification
- ATEX, FM, CSA
Online configuration during measurement using SETUP connector
Output simulation
Customer specific measurement range settings or expanded SETUP (see questionnaire, page 5)

