

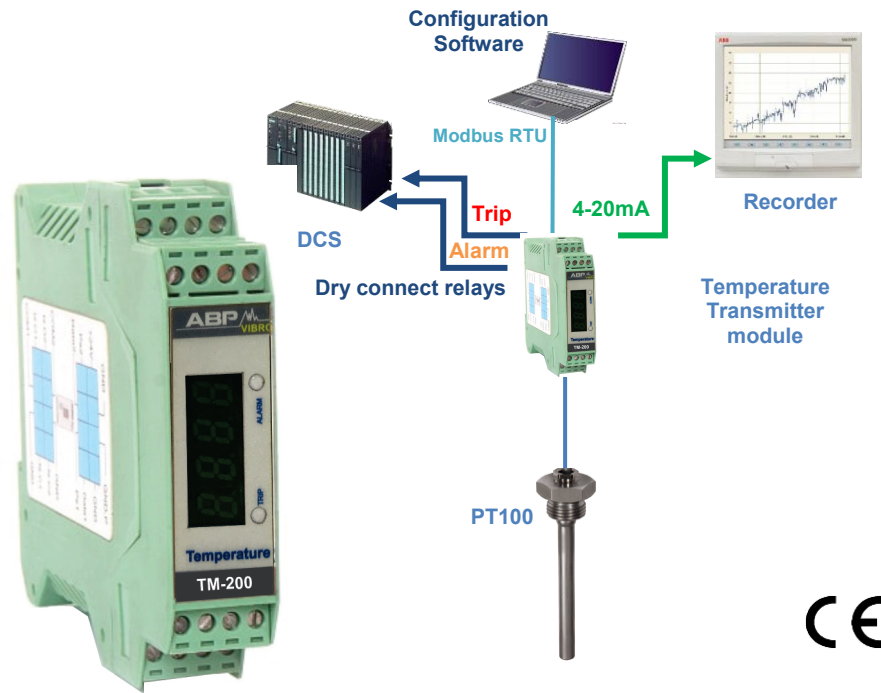
TM200 Temperature module

Transmitter / Monitor

Microprocessor Based

Key Features

- One input: Pt100 (-200 ~ +300 °C) (scope optional)
- Accuracy: 0.2 (FSR%)
- One 4-20mA Output
- 2 output relays fully configurable with software
- Supported Modbus RTU Protocol
- 4-20mA loop powered, no need power supply
- DIN Rail Mounting
- Push-in type connectors
- Energize and De-energize relay selection
- Delay shutdown function



Technical Specs.

Input	Pt100 (-200 ~ +300 °C) (Other sensitivities available)
Input type	2, 3, or 4 wires
Accuracy	0.05% rdg + 0.1 °C at 25 °C(4wire)
Display Resolution	4digit ,mines,0ne decimal point

Mechanical

Case Material	Plastic
Mounting	DIN Rail TS35 (Top Hat)
Dimensions	134 x 99 x 22.5 mm (H x D x W)
Connections	Push in Clamp
Conductor Size	0.5 to 4.0 mm
Weight	110 gms (nom)

Electrical

Power Input	+24 V DC (50 mA)
Output 1	Two-wire 4-20mA signal
Calibration method	Reference resistor /software

Environmental

Operating temperature range	-10 to 70 °C
Installation Category (IEC664)	II
Equipment Class (IEC536)	III
EMC	EN61326-1:2013

Communication Features

Configuration Software	Vibsens-CNFG
Communication Protocol	Modbus RTU
Communication Port	RS-485

Relays	2 SPDT, 1A Form C 24Vdc
Statuses LED	2 LEDs Trip, Alarm

Ordering info.

Standard order: I-A-010-100-050-120-050-120-085-EN

Configuration	Select Sensor	Full Scale Range(4-20mA)		Alarm Value		Trip Value		Relay Type
		Low temperature	High temperature	Low temperature	High temperature	Low temperature	High temperature	
I = ISO (Standard Order) S = Factory configured TM200 Module is user configurable after initial set up & accept Filters	A = PT100	010 = -10 °C 020 = -20 °C xxx = -XXX °C	100 = +100 °C 300 = +200 °C xxx = +XXX °C	050 = -50 °C 120 = -120 °C xxx = -xxx °C	085 = 85 °C 120 = 120 °C xxx = xxx °C	050 = -50 °C 120 = -120 °C xxx = -xxx °C	085 = 85 °C 120 = 120 °C xxx = xxx °C	EN =Energized DE =De-energized

