Temperature Transmitter T30

"Quality Matters"



Introduction

The T30 series temperature transmitter are designed to measure temperatures from -50 to 150 °C or 0 to 200 °C.

Features

- Quick installation and easy commissioning
- Small, compact design made entirely of stainless steel
- M12 connector with IP69K for an easy electrical connection
- 4-wire, Pt100, transmitter with 4 to 20 mA output
- Variable insertion lengths from 40 mm to 600 mm
- Extremely short response times
- Highly accurate even with short insertion lengths
- Available with hygienic connections

Available certification

- 2.1 Certificate of Conformity
- Test Certificate for indication accuracy
- Others on request

Specifications

- Output signal: 4 to 20 mA
- Maximum load: (Upower supply- 10 V) / 0.023 A (current output)
- Min. current consumption: ≤ 3.5 mA
- Current limit: ≤ 23 mA
- Switch-on delay: 2 s
- Supply voltage: Ub= 10 to 35 V DC
- Response time: ≤ 3 s with transmitter
- Ambient temperature limits: -40 to +85 °C (-40 to 185 °F
- Storage temperature: -40 to +85 °C (-40 to 185 °F)
- Degree of protection: IP66/67 with coupling and connecting cable
- Shock resistance: 4g / 2 to 150 Hz as per DIN EN60068-2-6
- Vibration resistance Refer to 'Shock resistance'

Options

- Available with hygienic or non hygienic process connections (see data sheet Thermo Connections)

How to order

Please specify: model, range, process connection, probe length, certificates,

Web: www.pci-instruments.com | Email: sales@pci-instruments.com | Tel: +44 (0)1704 509090