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TMD62 Temperature Duct Mount Transmitter for Building Automation Applications



TMD62 Duct Mounted Transmitter

Features/Benefits:

- Measurement accuracy up to ± 0.1 °C (± 0.18 °F)
- (1) analog output of 4 ... 20 mA, loop powered
- Pt1000 RTD temperature sensor (Class F 0.1 IEC 60751)
- IP66 rated cast aluminum housing with stainless steel probe
- Configurable through USB Service Cable with Vaisala [Insight PC Software](#)
- Traceable calibration certificate included

Summary:

Duct mounted temperature transmitter. Electronics to be protected in an IP66 enclosure.

Temperature measurement accuracy to be ± 0.1 °C (± 0.18 °F) at +20 °C (+68 °F). Transmitter to be powered by 10 ... 35 VDC ($R_L = 0$ Ω) or 20 ... 35 VDC ($R_L = 600$ Ω), and will operate over a temperature range of -40 ... +80 °C (-40 ... 176 °F). Temperature sensor to be a platinum 1000 Ω RTD having a linear output signal of 4 ... 20 mA with a default scaling of -20 ... +80 °C (-4 ... +176 °F). Temperature sensor shall have a T_{63} response time with free convection within 8 minutes.

Traceable calibration certificate included.

Note: The TMD62 is a pre-configured model of the [HMD60 Series](#). The HMD60 Series offers additional pre-configured models, as well as models to be fully configurable (output signals, output parameters, probe length, etc.).