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## TMW90 Series Temperature Transmitter - Wall Mounted



### Features/Benefits:

- Temperature accuracy up to  $\pm 0.2$  °C ( $\pm 0.36$  °F)
- Optional display available for local measurement readings
- Available with analog or digital communication
- Dip switch configuration
- Discrete wiring through back plate
- User exchangeable temperature module
- Simplified on site calibration options and adjustment through offset trimmers and PC compatibility
- Traceable calibration certificate included

### Summary:

Wall-mounted temperature transmitter designed for indoor installation where accuracy, stability, and reliability are a top priority. Temperature sensor shall be digital and the transmitter shall be rated for temperatures between  $-5 \dots +55$  °C ( $+23 \dots +131$  °F) with accuracy of  $\pm 0.2$  °C ( $\pm 0.36$  °F) between  $+20 \dots +30$  °C ( $+68 \dots +86$  °F) and an accuracy of  $\pm 0.3$  °C ( $\pm 0.54$  °F) for temperature ranges of  $+10 \dots +20$  °C ( $+50 \dots +68$  °F) and  $+30 \dots +40$  °C ( $+86 \dots +104$  °F). Transmitter shall support current outputs (4 ... 20mA), voltage outputs (0 ... 5/10V), and Modbus® RTU. Mechanical housing of transmitter to be rated for IP30 conditions. Supply voltage for current output model shall be 20 ... 28 VDC at 500  $\Omega$  load or 10 ... 28 VDC at 0  $\Omega$  load. Supply voltage for voltage and digital output models is 18 ... 35 VDC, 24 VAC  $\pm 20$  % 50/60 Hz.

**Note:** The TMW90 is a model that is a part of the HMW90 Series. The [HMW90 Series](#) offers additional pre-configured models, as well as models to be fully configurable (output signals, output parameters, output scaling, etc.).