

# PANEL MOUNT SMART TEMPERATURE TRANSMITTER 4 TO 20 mA + HART®

# TT411

The **TT411** is a 4 - 20 mA loop power HART® enabled intelligent temperature transmitter capable of measuring temperature using RTD's, thermocouples, resistance or mV input. The TT411 mounts on any industry standard "T" type DIN rail for easy integration with other devices and sensors. This device meets all HART® Foundation physical layer requirements and is fully configurable through software. Extensive transmitter and sensor diagnostics are available through use of the Smar HPC301 Hand-Held Terminal based on the Palm platform or the Smar CONF401 Configuration Software for the Windows PC's.



## TECHNICAL CHARACTERISTICS

- ✓ Smart two-wire, 4-20 mA loop power transmitter with HART® communication;
- ✓ Measures temperature using resistive sensors (RTD's), thermocouples, sensors with resistance or mV outputs;
- ✓ Linearization international standards and custom calibration according to Callendar Van Dusen;
- ✓ Measurement Type;
- ✓ Single Sensor: 2,3, or 4 wire configurations;
- ✓ Dual Sensor;
  - Differential;
  - Average;
  - Maximum;
  - Minimum.
- ✓ Extensive transmitter and sensor diagnostics;
- ✓ Factory tested isolation for 1500V;
- ✓ Fast snap-on DIN mounting rail assembly;
- ✓ Low cost panel installation;
- ✓ Configured to customer specifications prior to shipping.

**smar**  
**www.smar.com**

Specifications and information are subject to change without notice.  
Up-to-date address information is available on our website.

web: [www.smar.com/contactus.asp](http://www.smar.com/contactus.asp)



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