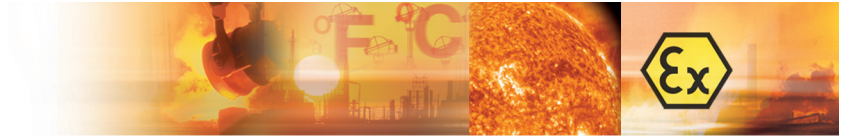


The New HART Temperature Transmitters TTH300 and TTF300



NEW



- Large LCD display enables easy configuration
- Easy to use terminal block with convenient cable guide
- Unique sensor input redundancy for 2x pt 100 3-wire connections
- High measurement accuracy and long-term stability

ABB Instrumentation



The New Head Mounted Temperature Transmitter TTH300

The new generation of head mounted, smart HART transmitters features user-friendly sensor calibration and groundbreaking input redundancy for 2x Pt 100 3-wire connections.

An automatic sensor switch supports the expanded system functionality, and sensor calibration increases the efficiency of processes.

Digital HART®

- Improved accuracy based on sensor adjustment (1-point, 2-point calibration or Callendar van Dusen equation)
- Sensor input redundancy for 3-wire Pt 100 connection, with compact 44 mm diameter design
- High measuring accuracy ± 0.1 K and long-term stability of ± 0.05 % per year
- Expanded diagnostic functions and asset monitoring
- ATEX / "intrinsically safe zone 0" EEx ia



The TTH300 is based on the latest technology and by 2008 will replace the proven, head mounted TH02/TH02-Ex transmitters first introduced in 1998.

For additional information, refer to our complete offering of head mounted temperature transmitters.

The New Field Mounted Temperature Transmitter TTF300

One main feature of the new generation of field mounted, smart HART transmitters is the state-of-the-art display with TTF300 configuration options that enable users to easily adjust to process requirements.

The large, easy-to-use terminal block with convenient cable guide ensures a secure connection with the sturdy and compact IP 66/67 (NEMA 4X) field housing.

This transmitter also provides sensor calibration and the groundbreaking sensor input redundancy for 2x Pt 100 3-wire connections. An automatic sensor switch supports the expanded functionality of the system and sensor calibration increases the efficiency of processes.

Digital HART®

- Transmitter-controlled LCD display with TTF300 configuration options
- Innovative, large terminal block with cable guide in IP 67 / NEMA 4X aluminum or 316L stainless steel housing
- Improved accuracy based on sensor adjustment (1-point, 2-point calibration or Callendar van Dusen equation)
- Sensor input redundancy for 3-wire Pt 100 connections
- High measuring accuracy ± 0.1 K and long-term stability of ± 0.05 % per year
- Expanded diagnostic functions and asset monitoring
- Approvals: ATEX and air-tight 1/2 G EEx d



For additional information, refer to our complete offering of field mounted temperature transmitters.

ABB is a leader in power and automation technologies that enable utility and industry customers to improve performance while lowering environmental impact. The ABB Group of companies operates in around 100 countries and employs about 104,000 people.

www.abb.com/temperature

The Company's policy is one of continuous product improvement and the right is reserved to modify the information contained herein without notice.

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