Endress+Hauser ⟨EH⟩
People for Process Automation

TMT36 iTEMP Programmable Temperature Transmitters with IO-LINK

The Endress+Hauser TMT36 iTEMP® programmable temperature transmitters work with Pt100 or Pt1000 RTD sensors. IO-Link communication output enables access to various temperature process variable, configuration, diagnostic, and logging parameters. These transmitters mount in a DIN Form B sensor connection head and are available with either screw or push-in terminals for electrical connection.

Part No. TMT36-13A9/101

Part No. TMT36-13C0/101

Features

- Sensor Types: RTD: Pt100 or Pt1000
- IO-Link communication output that enables access to various temperature process variable, configuration, diagnostic, and logging parameters.
- DIN Form B sensor connection head mounting
- Screw or push-in terminals
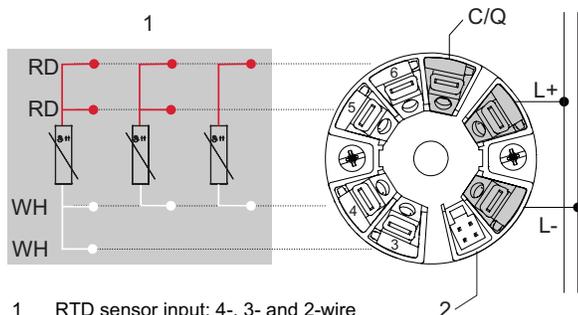- Compatible with Endress+Hauser TID10-1009/0 display

⟨IO⟩-Link

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NEED CABLES?

For a variety of cable options see our website www.AutomationDirect.com

Endress+Hauser TMT36 iTEMP Temperature Transmitter Selection								
Part Number	**Transmitter Type**	**Input**	**Output**	**Operating Voltage**	**Connection Head Mount**	**Electrical Connection**	**Weight (lb)**	**Price**
TMT36-13A9/101	Non-isolated	1-channel, RTD	1-channel, IO-Link	18-30 VDC	DIN Form B connection head	Screw terminals	0.38	$210.00
TMT36-13C0/101						Push-in terminals	0.37	$210.00

Endress+Hauser TMT36 Series iTEMP Programmable Temperature Transmitter Information				
Part Number	**Drawing Links**	**Manufacturer Tech Specs**	**Manufacturer Quick Start**	**Manufacturer Manual**
TMT36-13A9/101	PDF	PDF	PDF	PDF
TMT36-13C0/101	PDF			

For complete technical information and installation see Manufacturer Tech Specs and Manual links.

TMT36 shown with optional TID10-1009/0 display

Wiring Information

1   RTD sensor input: 4-, 3- and 2-wire
2   Display connection
L+   Power supply 18 to 30 VDC
L-   Power supply 0 VDC
C/Q   IO-Link or switch output

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TMT36 & TMT72 iTEMP Programmable Temperature Transmitters Accessory

The TID10-1009/0 is a convenient, easy to use display accessory for the Endress+Hauser TMT36 and TMT72 connection head temperature transmitters. Simply clip the display on the TMT36 or TMT72 transmitter to get a digital readout of the transmitter scaled output. Transmitter configuration parameters are automatically read by the TID10, so no additional configuration is required. A DIP switch setting is available to rotate the display reading 180 degrees.

Part No. TID10-1009/0

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NEED CABLES?

For a variety of cable options see our website www.AutomationDirect.com

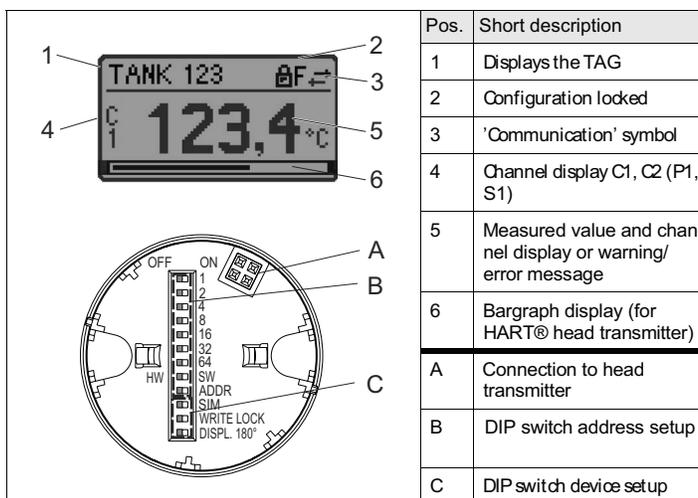| Endress+Hauser TMT36 & TMT72 Programmable Temperature Transmitter Accessory			
Part Number	Description	Weight (lb)	Price
TID10-1009/0	Endress+Hauser display, polycarbonate. For use with Endress+Hauser TMT36 and TMT72 programmable temperature transmitters.	0.36	$121.00

Display Information		
Part Number	Drawing Links	Manufacturer Manual
TID10-1009/0	PDF	PDF

For complete technical information and installation see Manufacturer Manual link.

Display Information

Pos.	Short description
1	Displays the TAG
2	Configuration locked
3	'Communication' symbol
4	Channel display C1, C2 (P1, S1)
5	Measured value and channel display or warning/error message
6	Bargraph display (for HART® head transmitter)
A	Connection to head transmitter
B	DIP switch address setup
C	DIP switch device setup

DIP-Switches Default = OFF

TID10-1009/0 *shown mounted on a TMT72 transmitter.*