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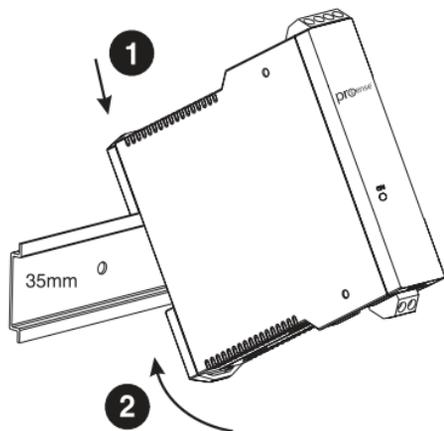
## XTD Series DIN Rail Mounted RTD and TC Temperature Transmitters - Fixed Range



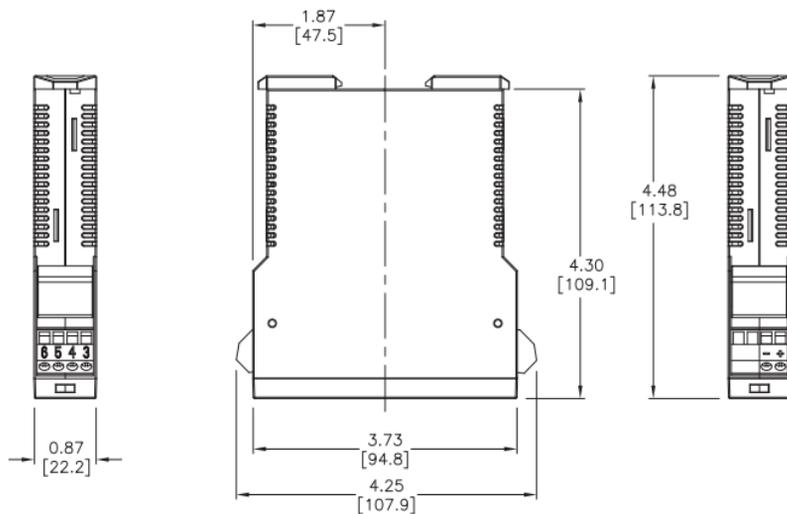
**XTD Series - Fixed Range**

## Installation

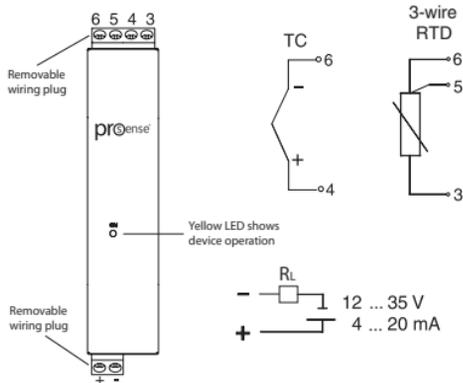
- Ambient Temperature:  
-40 to 185°F (-40 to 85°C)
- Installation area:  
Installation on DIN rail  
according to IEC 60715, e. g. in  
control panel
- Installation angle: No limit



## Dimensions inches [mm]



## Wiring



**Note:** Thermocouple or RTD input depending on model

\* For convenient installation, wiring plugs are removable.

## Safety instructions:

- To comply with UL61010-1 unit must be supplied by class 2 power supply.
- Disconnect power before making connections

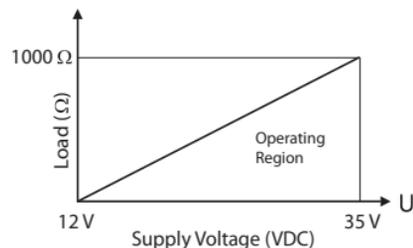
*XTD product insert Rev. 1*

## Shielding

Please take note when installing the transmitter: The shield on the 4-20 mA signal output must have the same potential as the shield at the sensor connections. When using grounded thermocouples, shielding of the output 4 to 20 mA cable is recommended. In plants with strong electromagnetic fields, shielding of all cables with a low ohm connection to ground is recommended.

Due to the danger of lightning strikes it is recommended that shielded cable be used in installations outside of buildings.

## Load Impedance



$$R_{Lmax} = (V_{powersupply} - 12V) / 0.023A \text{ (current output)}$$

$$\text{e.g. } (24V - 12V) / 0.023A = 521.74 \Omega$$



*XTD product insert Rev. 1*

**Please visit [www.automationdirect.com](http://www.automationdirect.com) for specifications and additional information.**