


## THU1102 UNIVERSAL TEMPERATURE TRANSMITTER

 The **TEKON ELECTRONICS IN HEAD 2-WIRE TEMPERATURE TRANSMITTERS** are specifically designed to meet the most rigorous requirements of operation in the industrial process environments. Due to their reduced dimensions they can be installed in the DIN Form B sensor connection head in place of traditional terminal blocks.

The THU1102 is an ultra-flexible universal temperature transmitter which accepts the most commonly used temperature sensors (Resistance thermometers (2, 3 or 4-wiresystem), Thermocouples, Resistance-based sensors and DC voltage sources), and generates a linear 4 to 20 mA current signal with high stability as output.

The operating parameters like the sensor probe type, connection method, measuring range, output signal range or fault value can be configured using the THU1102 user friendly free software.



Universal sensor input

4 to 20 mA analog output

High measurement accuracy

NAMUR NE 43 fault detection

Configurable over PC



### RELATED PRODUCTS



#### THP1217 - PT100 TEMPERATURE TRANSMITTER

Supports exclusively PT100 resistance thermometers temperature sensors.



#### TEMPERATURE PROBES

The Tekon Temperature Probes guarantees a complete measuring solution for all applications. Supports all conventional sensors (Resistance thermometers, Thermocouples, Thermistors, 1-Wire), thermowell, insulation materials, connection heads and process connections.



#### SARC1105 USB CONFIGURATOR

Provides a link between the USB port of your PC and the Tekon In Head 2-Wire Temperature Transmitters. Power through the USB port so no additional power supply is needed during the configuration process.