

## TDU1218 UNIVERSAL TEMPERATURE TRANSMITTER



The **TEKON ELECTRONICS DIN RAIL 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 easily installed in junction boxes or in the control cabinet.

The TDU1218 is an ultra-flexible universal temperature transmitter which accepts the most commonly used temperature sensors (Resistance thermometers (2, 3 or 4-wire system), 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 TDU 1218 user friendly free software.



Universal sensor input

4 to 20 mA analog output

High measurement accuracy

NAMUR NE 43 fault detection

Configurable over USB



### RELATED PRODUCTS



### TDU1219 ISOLATED UNIVERSAL TEMPERATURE TRANSMITTER

The TDU1219 Isolated Universal Temperature Transmitter has all the characteristics of the TDU1218 and adds to this a 3KVAC Galvanic Isolation.



### TEMPERATURE PROBES

The Tekon Temperature Probes guarantee 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.