GEORGIN

Safety for Industrial Process

ProgressX Family

TiXo

Programmable temperature converter

Characteristics*

- Universal input
- Mounting for DIN form B sensor head or larger
- Input-Output galvanic isolation : 1.5kVac
- Available in ATEX version (Series 6)
- HART communication according to models
- Designed and suitable for SIL2 installations
- Shorted or broken line detection according to NAMUR NE43
- Easy and fast programming with ProgressXmanager software or with FDT/DTM
- 3 years warranty

** according to models*

WE'VE GOT HART ABILITY

Ex

SIL APPROVED

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3 models

- For RTD100 sensors measurement, TiXo1 is a compact and economic solution.
- TiXo2 is dedicated for converting signals coming from a wide panel of input signals (universal input). This model is galvanic isolated as a standard.
- **TiXo3** is the HART-version, including universal input and galvanic isolation.

All these models are also available in Exia/ExiaD, Exic intrinsic safety versions and «non sparking» version (Ex nA) according to ATEX (Series 6).

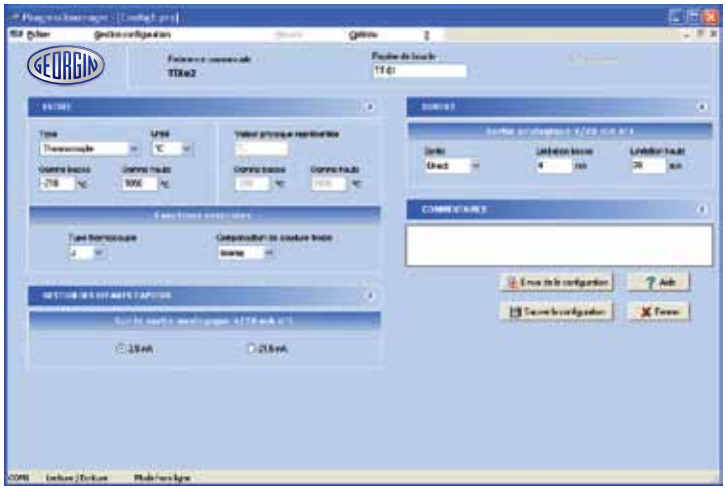
Configuration

ProgressXmanager is the software used to configure and operate with the ProgressX family range of products with a personal computer.

Developed for WINDOWS, it is user friendly and easy to implement.

Programmation can also be done with your usual **FDT** communication interface

These programming supports (ProgressXmanager, CommDTM GEORGIN, DTM TiXo1 and DTM TiXo2) are available on **www.georgin.com**.



Global Characteristics

- **Inputs*:**
  - Resistive sensors : RTD100, RTD1000, Ni100, Ni1000, 2/3/4 wires (EN60751)
  - RLinear Resistance : 360Ω or 4000Ω, 2/3/4 wires
  - Thermocouples : types K, J, N, W5, B, R, S, T, E
  - 60mV voltage
- **Output:**
  4...20mA, 2-wire technology
- **Galvanic isolation*:**
  1500Vac (Input-Output)
- **Supply voltage:**
  8 to 30Vcc *
- **Shorted or broken line detection :**
  according to NAMUR 43
- **Accuracy (general value):**
  <0,1% F.S. or < basis value according to the most important value

** according to the model*

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