Famille ProgressX
UI
Universal programmable converter

Characteristics *

- Configuration through removable display BlueSet
- Standard USB type A cable by micro type B for power supply and configuration, plug and play with ProgressX manager software
- Intelligent signaling flashing LEDs for defaults
- Vdc and Vac universal power supply
- 24/48 Vdc group power supply with back connector
- Up to 2 configurable thresholds and one output 4/20 mA or 0/10 V
- 4/20 mA relay and output simulation functions
- Linearization of the input signal up to 20 points
- ATEX certification according to Directive 2014/34 EU
- IECEX certification
- Capacity of SIL 2 in full evaluation following IEC 61508

Applications
- Control room
- Industrial processes
- Manufacturing processes
- Automation
- Food processes

* according to models
**Famille ProgressX**

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**Electrical data**

- **Number of channels:** 1 or 2 * following model
- **Input:**
  - Voltage
  - Current
  - Thermocouples
  - RTD100, 2/3/4 wires
  - 2/3 wires sensors
  - Potentiometers
- **Outputs:**
  - 1 x 4/20mA or 0/10 V
  - 1 SPDT or 2 configurable SIL relays
- **Power supplies:**
  - 21 to 300 Vcc
  - 98 to 255 Vca
- **Consumption:** ≤ 4 VA
- **Accuracy:** 0.1% of scale
- **Options**:
  - ATEX version:
    - CE 0081 II (1) G/D
    - [Ex ia]IIIC et [Ex ia] IIIC
    - [Ex ia]IIB et [Ex ia] IIIB

**Mechanical data**

- **Housing:** polyamide
- **Dimensions:**
  - 126 x 108 x 23 mm (without BlueSet)
  - 137 x 108 x 23 mm (with BlueSet)
- **Weight:** 200 g
- **Mounting:**
  - On EN 50022 Rail

**Connection:**

- removable screw terminals (inputs / outputs / power supply)
- connection for programming device BlueSet
- Standard USB type A cable by micro type B connection (programming)
- back power supply connector

**Configuration**

- By the BlueSet removable display, it allows the adjustment of input type, unit, scale, represented value, square root extraction, SIL function, status of fault relays, mode, value, hysteresis and delay of alarm relays, output simulation, current output navigation via 1 control joystick.

The BlueSet console allows to save a typical configuration to copy it in other appliances of the same reference.

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

Developed for Windows 7, it is user friendly and easy to implement. The connector to the device can be done with a standard micro USB cable and driver installation not require.

**Minimum Recommended system configuration:**

- Windows 7
- processor 1 Ghz / 1 Go of RAM

* in progress