

ISOLATED CONVERTER

USB - i485



The **USB-i485** module is a cost-effective way to convert RS485 or RS422 industrial buses to a USB interface. When connected to a PC USB port and installed as a native COM port compatible with any existing serial comm application. Multiple modules can be installed using USB hubs thus allowing a hassle-free configuration of a multi serial system. 1500 V isolation protects the PC from spikes or possible misconnections.

- USB V1.1 Plug and Play interface
- Virtual COM port driver for Windows® 98/ME/2000/XP/CE/Vista, MAC & Linux
- Jumper selected RS485 / RS422
- Automatic flow control for RS485
- Transmission rate: 300 bps to 250 kbps
- Dual RS485 bus: Connection of up to 64 unit load RS485 devices
- Power: from the USB port
- Isolation: 1500 Vdc from USB interface and the RS485/RS422 interface
- RS485/422 bus protection: ±60Vdc, 15 kVESD
- Dimension: 70 x 60 x 18 mm

HART UNIVERSAL CONFIGURATOR

TxConfig - HART



The **TxConfig-HART** is a configuration interface for transmitters with HART protocol. It can be used together with the configuration software HART devices but also all major HART protocol products on the market.

- Easy installation
- USB communication with the PC and serial with the transmitter
- Pins to HART device: polarity insensitive test clips
- Compatible with USB 1.1 and 2.0
- Rx / Tx LED indicators
- Power: no need for external power
- Operating temperature: 0 to 50 °C
- Storage temperature: -40 to 80 °C
- Humidity: 0 to 95 % (non condensing)
- Isolation: 1500 Vdc galvanic isolation between transmitter and PC
- Operational systems: Windows 2000 / XP / Vista and Windows 7
- Dimensions: 70 x 45 x 18 mm

PRESSURE TRANSMITTER

NP800H



The **NP800H** line of smart heavy duty pressure and differential pressure transmitters employ a state of the art accuracy and stability with high rangeability when measuring pressure in a wide range of applications. They offer high performance and sturdiness in aggressive and industrial environments.

- Applications with liquids, gases or steam
- Calibrated diff. pressure range: up to 40 MPa
- Process temperature range: -25 to 100 °C
- High accuracy and stability
- Compact and simple body structure
- On-line and off-line configuration
- Non-interactive zero and span adjustment
- Output functions: linear and  $\sqrt{x}$
- 5½ digit LCD display
- Local indication: measured differential pressure, output current, output %, square root and temperature
- Pressure units in Pa, kPa, MPa, in H<sub>2</sub>O, in Hg, ft H<sub>2</sub>O, mm H<sub>2</sub>O, mm Hg, PSI, bar, mbar, gf/cm<sup>2</sup>, kgf/cm<sup>2</sup>, torr and atm
- Configuration through keypad or TxConfig-HART configurator