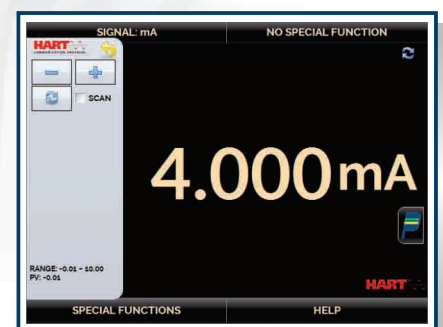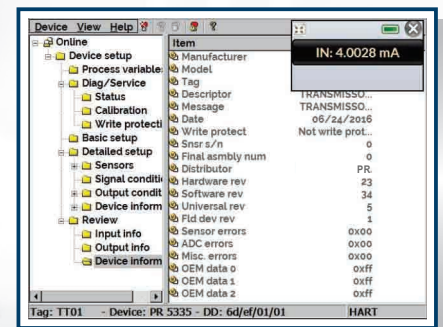# HART® Field Communicator
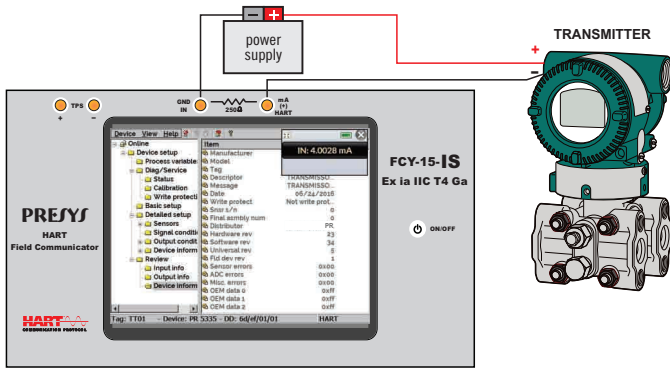# FCY-15-IS

**HART**
COMMUNICATION PROTOCOL

## Configurator Full Hart®

## Intrinsically Safe

- Configurator Full HART® with the latest Device Descriptions (DD's) Library, registered in *FieldComm Group*, updatable by user through USB port.

- It allows the inclusion of new DD's not registered in *FieldComm Group*.

- Access to setup entire instrument's parameters tree with HART® protocol, regardless of manufacturer or model.

- It has 15 V power supply for two wire transmitters with internal resistor or 250 Ω selectable.

- Input for measuring current, allowing the instrument *trim* and *loop test* without a calibrator.

- Upload, saves and downloads HART® intruments settings, allowing a backup in your computer.

- Portable, powered by Ni-MH batteries, rechargeable for continuous use for up to 08 hours in the field.

- Color display with 5.7" high visibility with fully *touchscreen* and a friendly interface.

- HART® configuration interface in two levels: Calibration HART® and Full HART®.
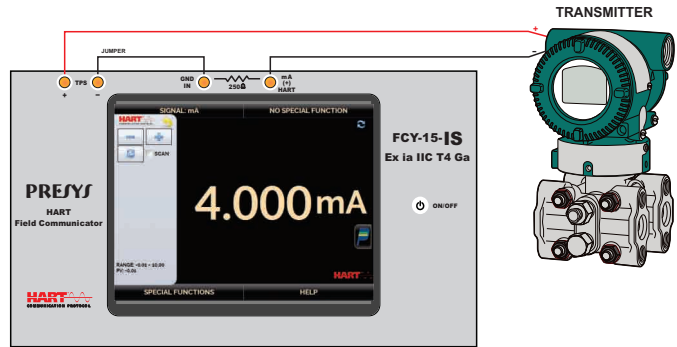
# PRESYS

## HART® configuration interface in two levels:

**Calibration:** for a quick adjust and configuration, accessing only the main commands like: zero, span, *trim* and mA.

**Full:** complete access of all configuration parameters tree, using a DD library.

Current input with high accuracy, allowing the instrument *TRIM* and *loop test*.



| | |
|---|---|
| **Battery and Operation Time:** | Rechargeable Nickel Metal Hydride with 4200 mAh and up to 8 hours of continuous use. Full charge in just 3 hours. |
| **Operation Environment:** | Temperature from 0 to 50 °C and Maximum Relative Hudty of 90 % (non-condensing) |
| **Dimensions:** | 137 mm x 227 mm x 73 mm (HxWxD) |
| **Weight:** | 2.4 kg |
| **Display:** | 5,7" TFT VGA touchscreen 640 x 480 px |
| **Processor:** | Dual Core 1 GHz, with 512 MB RAM and internal Flash with 1GB |
| **Memory:** | 16 GB for user |
| **Warranty:** | 1 year |

## mA Specifications:

| Range | Resolution | Accuracy | Remarks |
|---|---|---|---|
| -5 to 24.5 mA | 0.0001 mA | ± 0.02 % FS | R input < 120 Ω |

## Included Accessories:

- Soft Carrying case;
- Battery charger;
- USB cable for HART® library update;
- Test Lead kit;
- mA input Calibration Certificate;
- Technical Manual.



# PRESYS

## www.presys.com.br

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Due to our continuous development and improvement program, we reserve the right to change or modify the features and design without notice.