

Field Configurator and HART-USB Modem for Transmitters with HART Communication

- Small handheld HART configurator
- Battery powered – up to 15 hours of continuous operation
- HART-USB Modem functionality
- Supports HART rev. 5, rev. 6 and rev. 7



Application

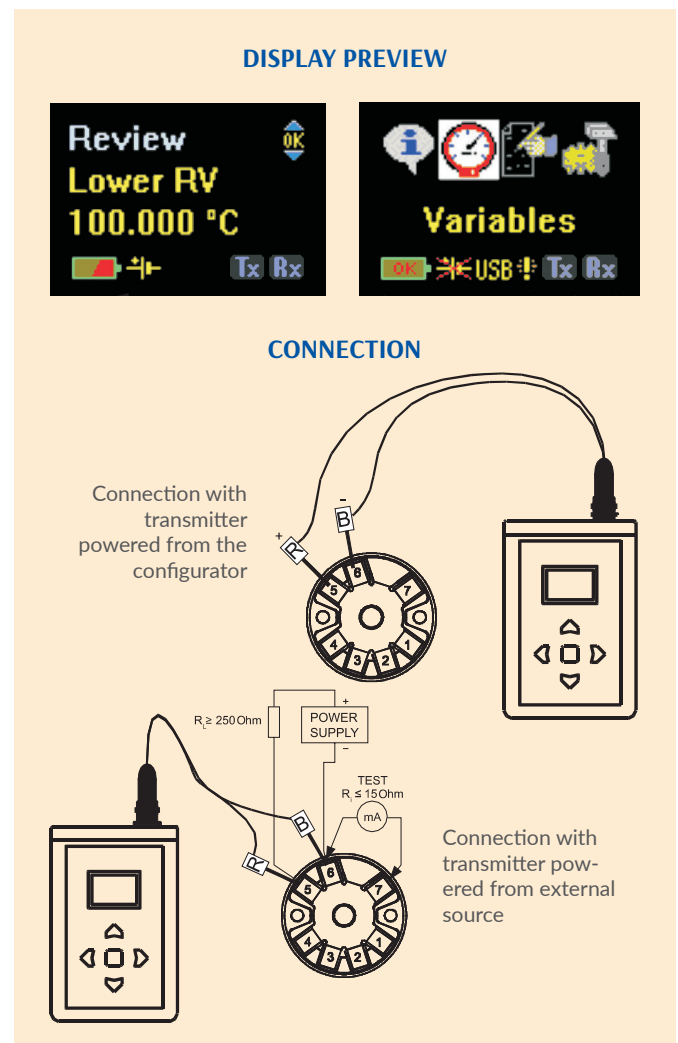
HARTConf handheld configurator is intended for reading, adjusting and modifying the configuration of instruments with HART protocol support. HARTConf communicates with HART devices connected in a current loop or it can serve as a power source, when the current loop supply is not available. In this way HARTConf can be conveniently used for adjustment of HART devices' settings before they are installed or put into operation. The configurator and its functions are easily controlled by means of push buttons and a colour graphic display. As the configurator is optimized for low power consumption, it can provide up to 15 hours of continuous operation when running on battery depending on the mode of operation.

Functions of the HARTConf configurator

HARTConf is a lightweight, field instrument that combines a functionality of a handheld HART configurator and an intelligent HART-USB modem. It enables users to communicate with HART instruments at the level of universal and common practice commands, it is possible to change the output range of any HART instrument, display actual value of input, output and up to three other variables. In addition it provides features such as a test of a current loop, zero setting of a pressure sensor, change text items etc. HARTConf can be also operated in a USB Modem mode, thus forming an interface between a customer PC software configuration tool and the target HART device.

Apart from the HART protocol, the HARTConf supports also LHP communication, offering similar range of functionality as in case of HART protocol.

HARTConf is supplied from a 9 V battery rechargeable through HARTConf's USB port, or the configurator can be solely powered through the USB port. HARTConf is able to supply the connected HART device from its own internal power supply unit both in the configurator mode and the HART-USB Modem mode.



Dimensions: 112,5 × 65 × 32 mm

Weight: 85 g without battery

HART protocol support: rev. 5, rev. 6 and rev. 7

Power Supply: 9 V battery or through USB