

Hart communication tools

Hart Field Communicators BK-03 and BK-03Ex

Specification:

The BK-03 (BK-03Ex) HART field communicator is a portable battery supplied device used for communication and exchange of data with smart transmitters e. g. pressure, differential pressure, temperature transmitters. It features an output built as a standard current loop 4-20 mA, using FSK modulation type BEL 202 with an implemented HART communication protocol revision 5 and revision 6. The communicator is specially designed to configure smart transmitters manufactured by BASI

The communication with the transmitters enables:

- Identification of a transmitter,
- Configuration of its output parameters:
Units and values of the beginning and the end of its measurement range,
Ballistic factor,
Conversion characteristics (linear, radical, special, quadratic),
- Reading of a PV values (e.g. pressure, output current, degree of output setting in %),
- Enforcement of output current with a given value,
- Transmitter calibration as regards master pressure,.
- Zeroing



BK-03 version:

BK-03 - standard version

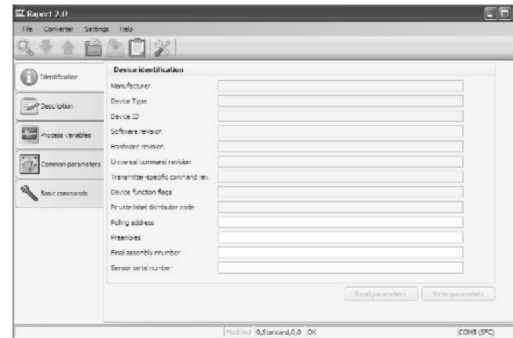
BK-03Ex - intrinsic safe version  II 2G Ex ia IIC T4 Gb

Report 2 software

REPORT 2 is a software designed for communication and data transfer from transmitters with Hart or Modbus protocol.

The communication with the transmitters enables:

- Identification of a transmitter,
- Configuration of its output parameters:
Reading of a PV values (e.g. pressure, output current, degree of output setting in %).
- Enforcement of output current with a given value,
- Transmitter calibration in relation to master pressure,
- Function linearization (user characteristic creator),
- Zeroing



Hart/USB/Bluetooth converter

HART/USB/Bluetooth converter allows to connect transmitter to the PC computer via USB or Bluetooth protocol.

RS485/USB converter

RS485/USB converter allows to connect Modbus RTU transmitter to the PC computer via USB protocol.