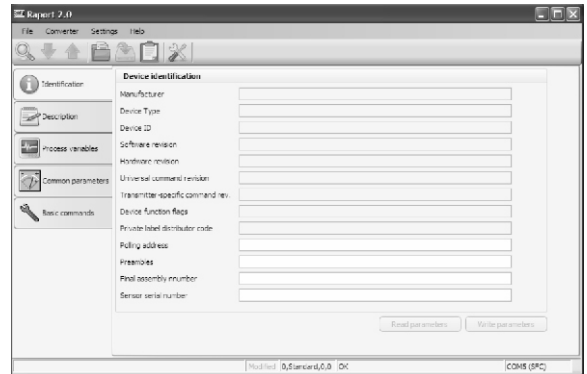# Communication tools

Raport 2 software

RAPORT 2 is a software designed for communication and data transfer from transmitters with Hart or Modbus protocol made by APLISENS.
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

NEW   Aplisens Mobile Configurator

Aplisens Mobile Configurator is an Android application designed for communication and data transfer from transmitters with Hart or Modbus protocol made by APLISENS.
The communication with the transmitters enables:
 - Supports wireless Bluetooth connection
 - Read basic device information
 - Configure device's Tag, Descriptor, Message, Address, etc.
 - Monitor process variables
 - Configure range and units
 - Set/Unset write protection
 - Configure specific features of pressure transmitters (LCD, alarms, transfer function, user variable

Hart Field Communicators KAP-03 and KAP-03Ex

Specification:

The **KAP-03 (KAP-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 APLISENS. Comunicator can be delivered in one of two versions: with software for configuration pressure transmitetrs or with software for configuration temperature transmitetrs. User is able to change software by connecting comunicator to the PC computer and uploading proper version of software.

KAP-03 version:

KAP-03 - standard version
KAP-03Ex - intrinsic safe version ⟨Ex⟩ II 2G Ex ia IIC T4 Gb

HART/USB converter

HART/USB converter allows for connecting and configuration of Hart transmitters via USB port. It works also with devices equipped in Bluetooth.