# **Communication tools**

# Raport 2 software

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**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



## 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

			Read parameters	Write parameters
		Modified 0,Standard,0,0 OK		COM5 (5 <sup>4</sup>
igura	tor			
	\$ 🕄 2 ad 46 ad 9 <b>00</b> 85	11:30	10	ad 45 ad 000 845
		<del>~</del>		
		Variables		
cess variables		Pv:		,071 [kPa]
		PoR: Current:		0,004 [%] ,999 [mA]
	0,071			222 [HIN]
	21,552	Functions		
	22,251	Py Zero		DO PV ZERO
	21,500			DOTTLEND
rent [mA]:	3,999	Lower range (set pressure)	across current	SET
R [%]:	-0,004			
		Upper range (set pressure)	across current	SET
riables monitor	OPEN VARIABLES PAGE	Fixed current m		
IS		Fixed current m	ode	
	10	Current value		
8:	kPa			

PLISEN

Device Type

Software n

# 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.

KAP-03 version:

**KAP-03** - standard version **KAP-03Ex** - intrinsic safe version  $\langle \widehat{Ex} \rangle$  II 2G Ex ia IIC T4 Gb

## Hart converter

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

