Communication tools

Raport 2 software

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Hardware revisio

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 Cor

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

nfigurator			
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	MPC WRITE ANSMI PROTECT	Variables	
Process variables		Pv:	0,071 [kPa]
1100000 10100/00		PoR:	-0,004 [%]
PV:	0,071	Current:	3,999 [mA]
SV:	21,552	Functions	
TV	22,251	Py Zero	DO PV ZERO
FV:	21,500	PV Zero	DO PV ZERO
Current [mA]:	3,999	Lower range (set across current pressure)	SET
PoR [%]:	-0,004	Upper range (set across current	SET
Variables monitor OPEN	VARIABLES PAGE	pressure)	561
Units		Fixed current mode	
Units		Current value	
Units:	kPa	ourrent value	
		Set fixed mode	SET
Sensor limits			
		Exit fixed mode	

PLISEN

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 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.

Ordering procedure:

KAP-03/

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



HART/USB converter



