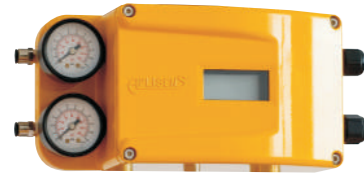


Electropneumatic positioner

■ APIS

Electropneumatic positioner

- ATEX certificate
- HART protocol
- On device for linear and rotational actuators
- Simple in installation and programming
- Possibility of remote assembling of positioner
- Low air consumption
- Programmable speed of movement of the actuator's piston rod



New products

NEW



■ APM-2

Smart electronic differential pressure transmitter

- Measurement of differential pressure based on two absolute pressure transmitters
- Applicable in measurement of level in pressure tanks
- Modular construction with possibility of replacing of each module of the measuring system



■ PEM-500

Electromagnetic flowmeter

- Nominal size: DN 10...300 (ANSI 0,5...12")
- Maximum static pressure 1,6 MPa, 2,5 MPa or 4 Mpa
- Accuracy 0,5%
- Output signal 4 ÷ 20 mA, pulse output or frequency output
- Communication interface Modbus RTU / RS485



■ LI-24ALW

Smart temperature transmitters

- SIL2/SIL3 - Functional Safety Certificate
- New casing with 3 electrical connections allows to install sensor in any position

APLISENS®

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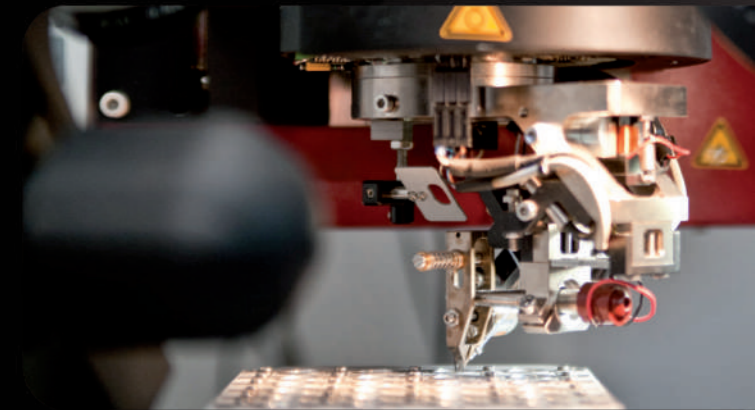
PRODUCT OVERVIEW

PRESSURE

FLOW

LEVEL

TEMPERATURE





Devices for pressure measurement

APC-2000ALW

Smart pressure transmitter model APC-2000ALW

- Measuring range: min. 0...1 mbar; max. 0...1000 bar
- Output signal: 4...20 mA + HART
- Intrinsic safety certificate ATEX, IECEx, FM (USA, Canada)
- Explosion proof certificate ATEX, IECEx, FM (USA, Canada)
- Accuracy: 0,075% (special version 0,05%, 0,04%)
- Marine certificate DNV GL, BV
- SIL2/SIL3 - Functional Safety Certificate
- MID certificate
- Housing material: Aluminum / 316 Stainless Steel
- Process connection: 1/2"NPT, M20x1,5, G1/2"; flush diaphragm (G1/2", G1"); diaphragm seals



PCE-28.Smart

Smart pressure transmitter model PCE-28.Smart

- Measuring range: min. 0...5 mbar; max. 0...1000 bar
- Output signal: 4...20 mA + HART
- Intrinsic safety version
- Accuracy: 0,1%
- Marine certificate DNV GL, BV
- Housing material: 304/ 316 Stainless Steel
- IP68 protection
- Process connection: 1/2"NPT, M20x1,5, G1/2"; flush diaphragm (G1/2", G1"); diaphragm seals



PCE-28

Pressure transmitter model PCE-28

- Measuring range: min. 0...25 mbar; max. 0...1000 bar
- Output signal: 4...20 mA or 4...10 V
- Accuracy: 0,2% (0,16%)
- Intrinsic safety version
- Marine certificate DNV GL, BV
- SIL1-Functional Safety Certificate
- IP68 protection
- Housing material: 304/ 316 Stainless Steel
- Process connection: 1/2"NPT, M20x1,5, G1/2"; flush diaphragm (G1/2", G1"); diaphragm seals



PCE-28.MODBUS

Pressure transmitter with Modbus RTU protocol

- Measuring range: min. 0...5 mbar; max. 0...1380 bar
- Output signal: Modbus RTU or 4...20 mA
- Intrinsic safety and explosion proof version
- Accuracy: 0,1%
- Marine certificate DNV GL, BV
- Housing material: 304/ 316 Stainless Steel
- IP68 protection
- Process connection: 1/2"NPT, M20x1,5, G1/2"; flush diaphragm (G1/2", G1"); diaphragm seals



PCE-28/EXD, PCE-28.SMART/EXD

Pressure transmitter and smart transmitter

- Measuring range: min. 0...25 mbar; max. 0...1380 bar
- Output signal: 4...20 mA, 0...10 V, 0...2,5 V
- Modbus RTU communication protocol
- Accuracy: 0,2% (0,16%)
- Intrinsic safety and explosion proof version
- Marine certificate DNV GL, BV
- IP68 protection
- Housing material: 316 Stainless Steel
- Process connection: 1/2"NPT, M20x1,5, G1/2". Autoclave F-250-C



MS-100K, MS-100

Industrial pressure gauge

- Casing diameter 100mm
- Stainless steel casing, measuring element and process connection
- Accuracy 1%
- Process connection: G1/2", M20x1,5 or diaphragm seal



Devices for level measurement

SGE-25, SGE-25/HASTELLOY SGE-16, SGE-25S, SGE-25C

Submersible hydrostatic level probes

- Measuring range: from 1 up to 500 mHzO
- Output signal: 4...20 mA
- 0...10 V, 0...2,5 V
- Accuracy: 0,2%
- Hastelloy/316Lss diaphragm
- Marine certificate DNV GL



SGE-25.Smart, SGE-25S.Smart APC-2000ALW/L

Submersible smart hydrostatic level probes

- Measuring range: from 1 up to 100 mHzO
- Output signal: 4...20 mA + HART
- Accuracy: 0,1%
- Hastelloy/316Lss diaphragm
- Titanium version (SGE-25S.Smart only)
- Marine certificate DNV GL



Devices for differential pressure measurement

APR-2000ALW

Smart differential pressure transmitter model APR-2000ALW

- Measuring range: min. 0...1 mbar; max. 0...70 bar
- Output signal: 4...20 mA + HART
- Intrinsic safety certificate ATEX, IECEx, FM (USA, Canada)
- Explosion proof certificate ATEX, IECEx, FM (USA, Canada)
- Marine certificate DNV GL, BV
- SIL2/SIL3 - Functional Safety Certificate
- Accuracy: 0,075% (special version 0,05%, 0,04%)
- 316L, Hastelloy or Tantalum diaphragms
- Housing material: Aluminum / 316 Stainless Steel
- Different types of process connections



PRE-28.Smart

Smart differential pressure transmitter model PRE-28.Smart

- Measuring range: min. 0...2 mbar; max. 0...70 bar
- Output signal: 4...20 mA + HART
- Intrinsic safety certificates ATEX, IECEx
- Accuracy: 0,1%
- Marine certificate DNV GL, BV



APR-2000GALW /APRE-2000G

Smart differential pressure transmitter for low ranges

- Measuring range: min. 0...0,2 mbar; max. 0...200 mbar
- Output signal: 4...20 mA + HART
- Accuracy: 0,1%
- Process connection: Ø 6x1 pipe, mounted with a valve manifold



APR-2000ALW

Smart differential pressure transmitter with direct and/or remote diaphragm seals

- Measuring range: min. 0...0,1mHzO; max. 0... 16 bar
- Output signal: 4...20 mA + HART
- Intrinsic safety and explosion proof certificates
- SIL2/SIL3 - Functional Safety Certificate
- Housing material: Aluminum/ 316 Stainless Steel
- Accuracy: 0,1%



PRE-28

Differential pressure transmitter model PRE-28

- Measuring range: min. 0...16 mbar; max. 0... 25 bar
- Output signal: 4...20 mA, 0...10 V
- Accuracy: 0,25%
- Marine certificate DNV GL, BV



PRE-50G

Differential pressure transmitter for low ranges model PRE-50G

- Output signal: 4...20 mA
- Accuracy: 0,6%
- Measuring range start from 250Pa



Level switches

ERH

Level switch type ERH

- Explosion proof version
- Housing protection IP66/68
- Marine certificates (DNV GL, LR, PRS)



ERH-11-20

Billge level switch

- Designed for dirty liquids
- High reliability switching
- Fully stainless steel (316L)
- Housing protection IP68
- Marine certificate DNV GL



Devices for temperature measurement

Temperature sensors

- Resistance and thermoelectric temperature sensors
- For various branch of industry (cement industry, energy industry, food industry, etc)
- Measuring temperature from -200 to 1600°C
- ATEX certificate (Exia and Exd)
- Marine certificate BV
- Any immersion length



Temperature transmitters

- Head-mounted, rail-mounted and industrial temperature transmitters
- Output signal 4-20mA, Hart protocol
- Thermoresistance line compensation (3 wires line)
- Programmable measuring range
- ATEX certificate (Exia and Exd)
- MID certificate (only APT-2000ALW)
- SIL2/SIL3 - Functional Safety Certificate (LI-24G, LI-24L)



Devices for data logging, data displaying and for power supplying

Displays and data loggers

- Displays type
 - WW-11ALW
 - WW-45
 - WW-11N
 - WW-30
 - PMS-920
 - PMS-770T
 - PMS-970P
 - PMS-620N
- Data logger PMS-90R, PMS-110R and PMS-111R



Flow measurement

PEM-1000

Electromagnetic flowmeter

- Nominal size: DN10 - DN1000
- Simple in installation and programming
- Outputs: 4...20 mA, pulse/frequency, Modbus
- Lining: rubber or PTFE
- Various material of electrodes



PEM-500

Electromagnetic flowmeter

- Nominal size: DN10 - DN300
- Simple in installation and programming
- Outputs: 4...20 mA, pulse/frequency, Modbus
- Lining: rubber or PTFE
- Various material of electrodes

