



**MANUFACTURE OF INDUSTRIAL MEASURING
DEVICES AND AUTOMATION EQUIPMENT**

APLISENS[®]

Devices for pressure measurement or level measurement in open tank

APC-2000ALW

Smart pressure transmitter model APC-2000 ALW

- Measuring range: min. 0 ... 1 mbar; max. 0... 1000 bar
- Output signal: 4...20 mA, 0...20 mA, 0...5 mA Hart, Profibus PA
- Intrinsic safety and explosion proof certificates
- Accuracy: 0,075%
- Marine certificate DNV
- SIL2-Functional Safety Certificate
- Process connection: 1/2NPT, M20 x 1,5; G 1/2"; flush diaphragm (G 1/2"; G 1"; M30 x 2); diaphragm seals;



APCE-2000

Smart pressure transmitter model APCE-2000PD and APCE-2000PZ

- Measuring range: min. 0 ... 1 mbar; max. 0... 1000 bar
- Output signal: 4...20 mA, Hart
- Accuracy: 0,1%
- Process connection: 1/2NPT, M20 x 1,5; G 1/2"; flush diaphragm (G 1/2"; G 1"; M30 x 2); diaphragm seals;



PCE-28

Pressure transmitter model PCE-28

- Measuring range: min. 0 ... 10 mbar; max. 0... 1000 bar
- Output signal: 4...20 mA, 0...10 V, 0-2,5V
- Modbus RTU communication protocol
- Accuracy: 0,2% (0,16%)
- Marine certificate DNV
- Process connection: 1/2NPT, M20 x 1,5; G 1/2"; flush diaphragm (G 1/2"; G 1"; M30 x 2); diaphragm seals;



APC-2000ALW

Smart pressure transmitter model APC-2000ALW with direct or remote diaphragm seal

- Measuring range: min. 0,1 bar; max. 25 bar
- Output signal: 4...20 mA, 0...20 mA or 0...5 mA, Hart, Profibus PA
- Accuracy: 0,1%
- Marine certificate DNV
- Intrinsic safety and explosion proof certificates



Hydrostatic level probes

SGE-25, SGE-16

Submersible hydrostatic level probes

- Measuring range: from 1 up to 500 mHzO
- Output signal: 4...20 mA 0...10V, 0...2,5V (SGE-25 only)
- Accuracy: 0,2%
- Hastelloy/316Lss diaphragm
- Marine certificate DNV



SGE-25S, SGE-25C

Submersible hydrostatic level probes

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



SGE-25.Smart, SGE-25S.Smart

Submersible smart hydrostatic level probes

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



PCE-28P

Hydrostatic level probes

- Measuring range: from 200 up to 3000 mmHzO
- Output signal: 4...20 mA, Hart
- Accuracy: 0,16%
- Marine certificate DNV
- Version with local display
- Marine certificate DNV



Profibus PA output signal



Hart compatibility



PED certificate



ATEX certificate

Devices for measurement of difference pressure or level in pressure tanks

APR-2000ALW

Smart differential pressure transmitter model APR-2000ALW

- Measuring range: min. 0... 4 mbar; max. 0... 16 bar
- Output signal: 4...20 mA, 0...20 mA, 0...5 mA, Hart, Profibus PA
- Intrinsic safety and explosion proof certificates
- Marine certificate DNV
- SIL2-Functional Safety Certificate
- Accuracy: 0,075%
- Hastelloy diaphragms



APRE-2000

Smart differential pressure transmitter model APRE-2000PD and APRE-2000PZ

- Measuring range: min. 0... 4 mbar; max. 0... 16 bar
- Output signal: 4...20 mA, Hart
- Accuracy: 0,075%
- Hastelloy diaphragms



APR-2000GALW

Smart differential pressure transmitter for low ranges APR-2000G/AL

- 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



APRE-2000G

Smart differential pressure transmitter for low ranges APRE-2000G

- 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, APRE-2000 with direct diaphragm seal

Smart differential pressure transmitter with direct diaphragm seal

- Measuring range: min. 0...0,1mH₂O; max. 0... 16 bar
- Output signal: 4...20 mA, 0...20 mA or 0...5 mA, Hart, Profibus PA
- Intrinsic safety and explosion proof certificates
- Accuracy: 0,1%
- Marine certificate DNV



APR-2200ALW

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

- Measuring range: min. 0...0,1mH₂O; max. 0... 16 bar
- Output signal: 4...20 mA, Hart, Profibus PA
- Intrinsic safety and explosion proof certificates
- Accuracy: 0,1%



PRE-28

Differential pressure transmitter model PRE-28

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



AS-dP

Differential pressure transmitter model AS-dP

- Measuring range: 0...1, 0...2,5, 0...4, 0...6 bar
- Output signal: 4...20 mA, 0...10V
- Accuracy: 0,4%



Diaphragm seals

Diaphragm seals

- Diaphragm seals according to DIN 2501 and ANSI B 16,5 norms
- Diameter form DN 25 to DN 100
- Wetted parts material:
 - 316Lss (standard)
 - Hastelloy
 - Monel
 - Tantalum
 - Titanium
 - Gold lining
- Sanitary diaphragm seals type:
 - DIN 11851
 - Tri-Clamp
 - SMS
 - S-Poziom
 - Varivent



Display and digital indicators

Displays and digital indicators

- Displays type
 - WW-45
 - WW-11N
 - WW-30
 - PMS-920
 - PMS-770T
 - PMS-970P
 - PMS-620N
- Displays options
 - Universal measuring input
4-20mA, 0-20mA, 0-10V
 - Relay outputs
 - Integrated power supply 24V DC
 - Passive current output
 - RS485 communication output
- Data logger PMS-90-R



Power supplies, isolators, signal converters

Power supply, isolators, signal converters



- Power supplies
 - output voltage (value from 5 to 28V DC)
 - standard 24 V DC
 - galvanic separation
- Isolators, signal converters
 - transformer-based galvanic isolation
 - with or without internal power supply
 - single circuit or dual circuit version
 - possibility of choice input and output signal
- Ex barriers



NEW

New products*



Electromagnetic flowmeter **PEM-1000**



Smart temperature transmitter **APT-2000ALW**



Smart level probe **APC-2000ALW/SG**

Temperature sensors

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
- Any immersion length



Temperature transmitters

Temperature transmitters



HART
TECHNOLOGY

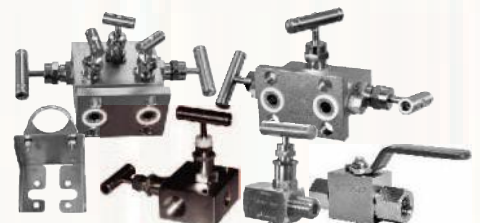
- Head-mounted and rail-mounted temperature transmitters
- Models AT, ATL only resistant input
- Models GI-22, LI-24 universal input
- Output signal 4-20mA, Hart protocol
- Thermoresistance line compensation (3wires line)
- Programmable measuring range
- ATEX certificate



Valves and fitting accessories

Valves and fitting accessories

- 5-valve, 3-valve, 2-valve manifolds
- Needle valves
- Ball valve
- Mounting brackets
- Impulse lines
- Sockets for fitting transmitters
- Thread adapters





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