

PIEZUS DESIGN & MANUFACTURING AT A HIGHEST LEVEL

flowmeters | pressure transmitters | submersible level probes | pressure switches | digital gauges



PIEZUS LLC is a leading manufacturer of a wide range of electronic pressure transmitters and flow meters for a broad range of applications and industries.

- **In-house** development and manufacturing.
- Only the **best and proven components** from the leading and industry recognized manufacturers.
- We employ the **latest technologies and state of the art equipment**.
- We have **R&D and sales experts** with decades of experience in pressure, level, flow and distance measurements.
- We have wide **Industry and applications background**.
- **Extensive line** of products and options.
- Always welcome for **custom design and OEM/ODM** requests. Ready to solve virtually any custom problem in electronic pressure and flow measurements.

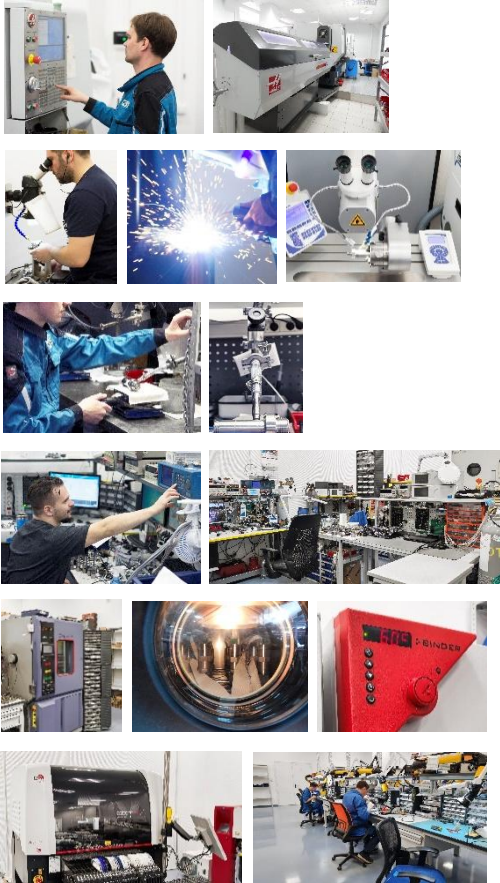
COMPANY, PEOPLE & EXPERTISE,
CUTTING EDGE TECHNOLOGIES, TEAM, EXPERIENCE, BACKGROUND

- Our **piezoresistive pressure sensors** are produced from the high quality silicone dies.
- Our **ceramic capacitive sensors** are supplied by leading manufacturers.
- We are developing and manufacture **sensors for our own ultrasonic transmitters**.
- Our **electronic modules** are based on the ASICs produced by the most respected semiconductor companies.
- **Constantly studying** new technologies in electronic pressure measurement to make sure we can offer our customers the best solution at the right price.



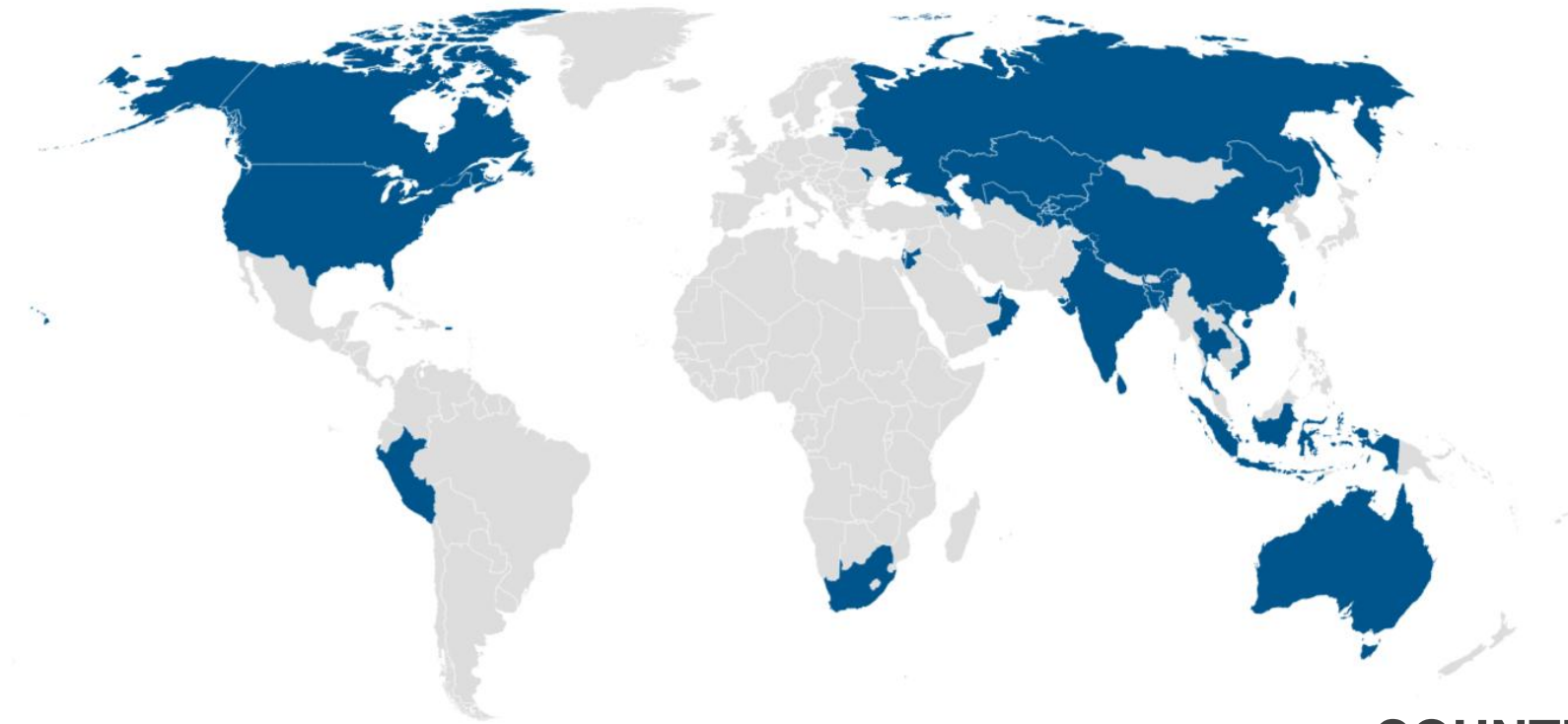
TECHNOLOGIES

SENSORS, COMPONENTS, ELECTRONIC MODULES



- High performance **machining centers**.
- Extensive range of **welding capabilities**, including state of the art machines for resistance welding, laser welding, spot welding.
- Sophisticated helium leak detection process for **weld quality check**.
- **Oil filling** of various types for remote diaphragm seals.
- **Calibration** facilities with high precision instruments.
- **Temperature calibration and compensation** from the lowest to the highest temperatures with our high performance thermal and humidity test chambers.
- **SMT PCB** production line.
- The sophisticated enterprise **manufacturing software** ensures that every product is tracked from the parts warehouse to the warehouse through every manufacturing step on time, so that our customers get their orders as soon as possible.

MANUFACTURING
STATE OF THE ART MANUFACTURING FACILITIES



COUNTRIES WHERE WE SELL

FLOWMETERS



PRESSURE TRANSMITTERS



PRESSURE SWITCHES



SUBMERSIBLE PROBES



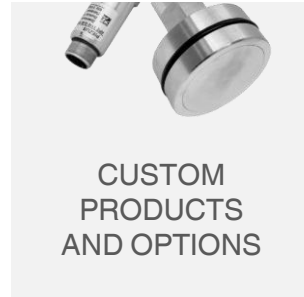
PRESSURE GAUGES AND DISPLAYS



ACCESSORIES



OEM / ODM



CUSTOM PRODUCTS AND OPTIONS

PRODUCTS

AN EXTENSIVE PRODUCT LINE WITH VARIOUS OPTIONS AND VERSIONS

MEDIA TEMPERATURE

-60...+180 °C

DYNAMIC RANGE

Up to 1:250

OUTPUT SIGNAL

- Frequency output: 0.1...3000 Hz
- Current output: 4...20 mA
- Digital interface: RS-485 (Modbus RTU); HART (optional)

SENSOR AND TRANSMITTER

Compact and remote versions (IP67-IP68)

MECHANICAL CONNECTION

- Flange
- Wafer
- Hygienic
- Threaded
- Custom

CERTIFIED FOR EXPLOSIVE ATMOSPHERE

- 0Ex ia IIC T6...T4 Ga X
(Intrinsic Safety)
- 1Ex d IIC T6...T4 Gb X
(Flameproof Enclosure)

ACCURACYStarting at $\pm 0.2\%$ **SENSOR MATERIALS**

- Steel 20 coated
- Stainless steel AISI 304 / 316
and other

BI-DIRECTIONAL FLOW MEASUREMENT**ELECTRODES**

Built-in electrode cleaning circuit function

Electrode materials:

- Stainless steel 316L
- Hastelloy (nickel alloy)
- Titanium
- Platinum
- Tungsten carbide
- Tantalum

LINE DIAMETERS

DN 2...1600 mm

PRESSURE

Up to 10 MPa

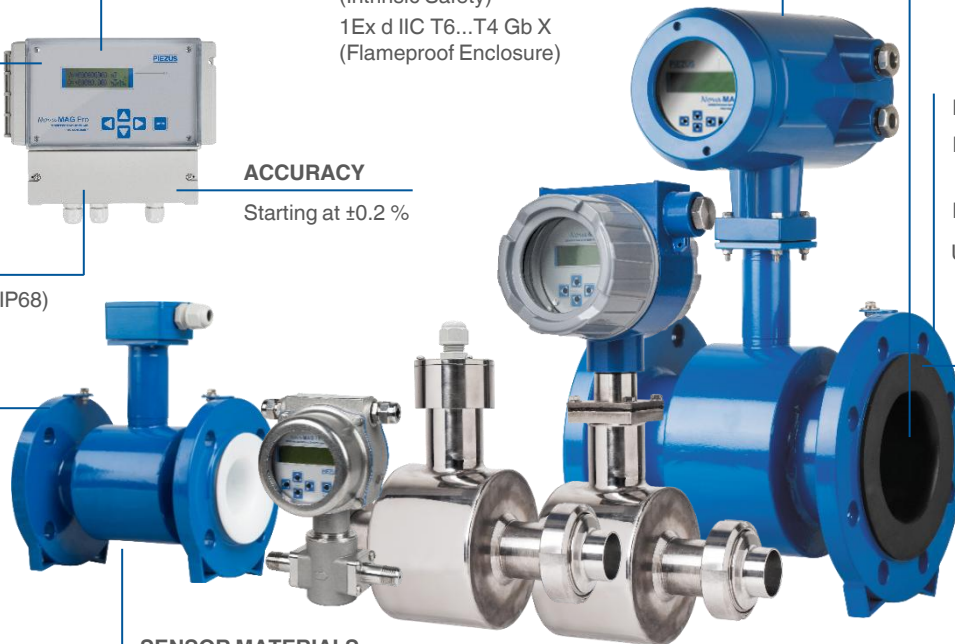
"EMPTY PIPE" FUNCTION

pipeline fill level check

LINERS

- Hard rubber
- PTFE
- PFA
- PU
- NE
- FEP-PFA
- PPS
- PVDF

ELECTROMAGNETIC FLOWMETERS

NovaMAG

**FOR NON-CONDUCTIVE
LIQUIDS FLOW
MEASUREMENT**

**NON-VOLATILE
MEASUREMENT ARCHIVE**

**REMOTE
CONFIGURATION**

ACCURACY

Starting at $\pm 0.5\%$

**OUTPUT SIGNALS**

- Frequency output: 0.5...2000 Hz
- Analogue output: 4...20 mA
- Digital output: RS-485 (Modbus RTU)

ULTRASONIC SENSORS

ultra high energy excitation titanium
corrosion resistant transducers

improved transducers are resistant to
acoustic interference and vibration

IP

IP65, IP67, IP68

MEDIA TEMPERATURE

-40...+150 °C

**MEASUREMENT
SECTION
MATERIALS**

- Steel 20 coated
- Stainless Steel
12X18H10T

LINE DIAMETERS

DN 50...2000 mm

PRESSURE

Up to 6.3 MPa

VERSIONS

One Channel
Single-beam



One Channel
Double-beam



Double Channel
Single-beam

ULTRASONIC FLOWMETERS

PIEZOSONIC

PROCESS CONNECTION

- DIN 3852, EN 837-1, NPT, UNF
- Open port versions
- Flush diaphragm versions
- Flange connections
- Sanitary connections
- Special rugged options
- Custom

PROCESS CONNECTION AND HOUSING MATERIALS

- Stainless steel
- PVC
- PVDF

SEALS

- FKM
- NBR
- EPDM
- VMQ
- FFKM
- Welded sensor (no seals)

CERTIFIED FOR EXPLOSIVE ATMOSPHERE

0Ex ia IIC T6...T4 Ga X (Intrinsic Safety)
1Ex d IIC T6...T4 Gb X (Flameproof Enclosure)

MEASUREMENT TYPE

- Gauge
- Absolute
- Vacuum
- Differential



DIAPHRAGM MATERIAL

- Stainless steel
- Ceramics
- Silicon



ACCURACY

Down to 0.1 % (TPM method, incl. linearity, hysteresis and repeatability)

OUTPUT SIGNALS

- Analog output: voltage, current
- Digital: HART®
- CAN bus
- RS-485/Modbus RTU

RANGES

from 5 mbar to 1000 bar

TMEDIUM TEMPERATURE

-50 °C to +300 °C (with heatsink)

ELECTRICAL CONNECTIONS

- DIN 43650A, DIN 43650C
- M12x1, M16
- Cable gland
- AMP-Superseal 1.5
- Packard Metri-Pack
- Buccaneer
- Custom

PRESSURE TRANSMITTERS

APZ SERIES

BASE SERIES

Economy line

**APZ 2410**

Economy line dual-range
pressure transmitter

Ranges: 1 bar to 160 bar,
2 ranges user selectable
Accuracy: $\pm 1\%$
Sensor: Ceramic thick film
Improved overpressure capability

**APZ 2412**

Economy line dual/triple
range pressure transmitter

Ranges: 1.6 bar to 400 bar,
up to 3 ranges user selectable
Accuracy: $\pm 0.5\%$
Sensor: Ceramic thick film

**APZ 2422**

Economy line dual/triple
range pressure transmitter

Ranges: 2 bar to 600 bar,
up to 3 ranges user selectable
Accuracy: $\pm 0.5\%$, $\pm 1\%$
Sensor: Silicon piezoresistive, welded

**APZ 3420**

Standard industrial
pressure transmitter

Ranges: 40 mbar to 600 bar
Accuracy: $\pm 0.5\%$ / $\pm 0.25\%$ / $\pm 0.2\%$
Options: Ex ia, Modbus, HART,
field housing, display
1 or 2 PNP relay outputs
(optional, only with display)

General industrial

**APZ 3421**

Precision
pressure transmitter

Ranges: 40 mbar to 600 bar
Accuracy: $\pm 0.1\%$
Options: Ex ia, Modbus, HART,
field housing, display
1 or 2 PNP relay outputs
(optional, only with display)

**APZ 3020**

Industrial differential
pressure transmitter

Ranges: 100 mbar to 25 bar
Wet/wet true differential
Accuracy: up to $\pm 0.25\%$
Options: Ex ia, Modbus, HART

PRESSURE TRANSMITTERS

APZ SERIES

SPECIAL SERIES

For aggressive, viscous, abrasive media



APZ 3410

Industrial pressure transmitter for aggressive, viscous, abrasive media

Ranges: 0.6 bar to 600 bar
Accuracy: $\pm 0.5\%$
Sensor: Ceramic thick film
Pressure port: stainless steel, plastic
Options: Ex ia, display, open port, flush diaphragm, field housing



APZ 3240

Precision pressure transmitter for aggressive, viscous, abrasive media

Ranges: 40 bar to 600 bar
Accuracy: $\pm 0.25\%$
Sensor: Precision ceramic capacitive
Pressure port: stainless steel, plastic
Options: Ex ia, field housing

Diaphragm seal (oil filled)



APZ 3420 m

Pressure transmitter with flush diaphragm for viscous media

Ranges: 100 mbar to 600 bar
Accuracy: Up to $\pm 0.25\%$
Options: Ex ia, Modbus, HART, field housing, display, heat sink for media up to $+300\text{ }^{\circ}\text{C}$, remote diaphragm versions



APZ 3420 s

Sanitary pressure transmitter with flush diaphragm

Ranges: 100 mbar to 40 bar
Accuracy: up to $\pm 0.25\%$
Options: Ex ia, Modbus, HART, field housing, display, heat sink for media up to $+300\text{ }^{\circ}\text{C}$, remote diaphragm versions

For air and non aggressive gases



APZ 3230

Pressure transmitter for very low pressures and vacuum

Ranges: 6 mbar to 1 bar
Accuracy: up to $\pm 0.25\%$
Sensor: silicon piezoresistive, no media isolation
Options: Ex ia, Modbus, HART, field housing, display



APZ 2030

Differential pressure transmitter for HVAC

Ranges: 100 Pa up to 7 kPa
Accuracy: $\pm 1.5\%$
Outputs: SPDT relays, 2 pcs
Output: 0...10 V; 4...20 mA

PRESSURE TRANSMITTERS

APZ SERIES

Up to +300°C

- Special diaphragm seal design
- Heat sink and high-temperature silicone oil filling
- Remote diaphragms



PRESSURE TRANSMITTERS

HIGH TEMPERATURE VERSIONS

PIEZUS

DESIGN & MANUFACTURING
AT A HIGHEST LEVEL

ELECTRICAL CONNECTIONS

wide range of cable glands

DIGITAL DISPLAY

LED-backlit LCD, optional

MEDIUM TEMPERATURE

-40 °C to +105 °C

CERTIFIED FOR EXPLOSIVE ATMOSPHERE

0Ex ia IIC T6...T4 Ga X (Intrinsic Safety)
1Ex d IIC T6...T4 Gb X (Flameproof Enclosure)
1Ex d ia IIC T6... T4 Gb X (Intrinsic Safety with Flameproof Enclosure)
1Ex db IIC T6...T4 Gb X (Flameproof Enclosure)

ACCURACY

Starting at 0.04 % (TPM method,
including linearity, hysteresis,
repeatability)

OUTPUT SIGNALS

4...20 mA / HART®

CONFIGURABLE

ZERO and SPAN configurable with
special magnetic tool or buttons

TURNDOWN

Up to 100:1

RELAY OUTPUTS

Two independent SPDT relay
outputs in ASZ 3420 d switch

MECHANICAL CONNECTIONS

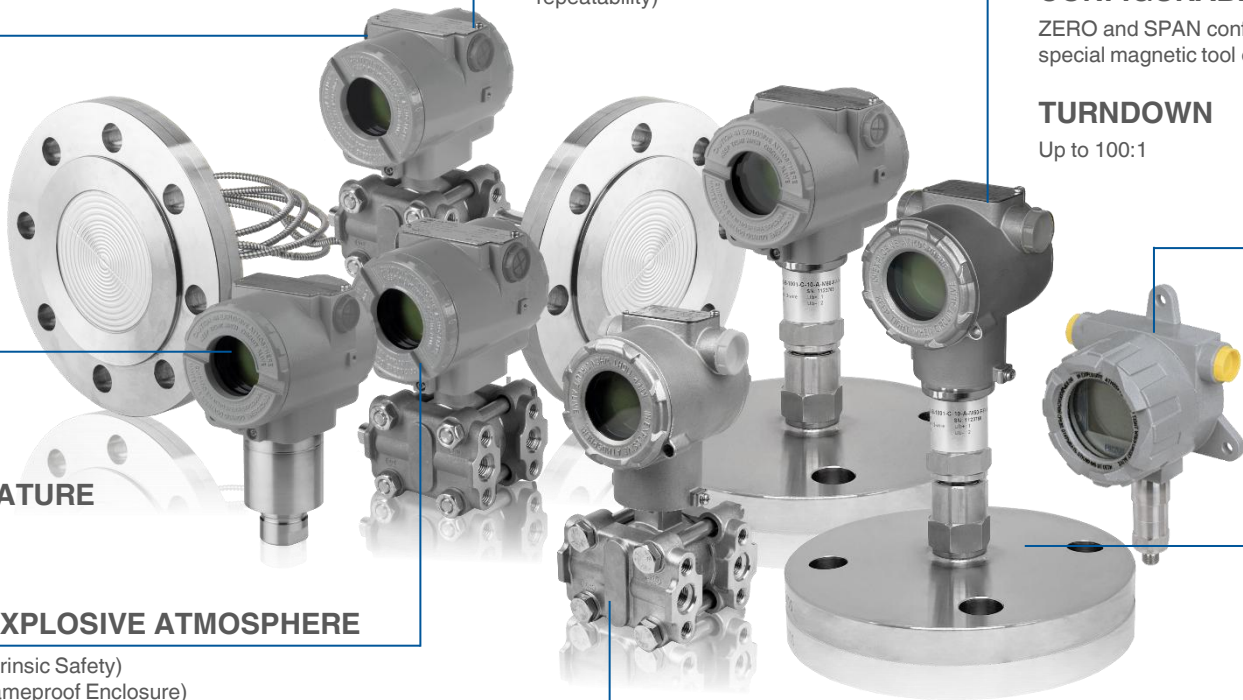
Optional threaded,
flange connections,
hygienic connections,
remote diaphragms,
wide variety of diaphragm seals

SEALS

FKM, EPDM, NBR, PTFE

PRESSURE TRANSMITTERS

AMZ SERIES



PIEZUS

DESIGN & MANUFACTURING
AT A HIGHEST LEVEL

CERTIFIED FOR EXPLOSIVE ATMOSPHERE

0Ex ia IIC T6...T4 Ga X
(Intrinsic Safety)

ACCURACY

Starting at 0.1 % (TPM method,
including linearity, hysteresis and
repeatability)

MEDIUM TEMPERATURE

-20 °C to +70 °C

SEALS

- FKM
- NBR
- EPDM

MECHANICAL CONNECTION

Open port (detached cap)
Threaded mechanical connection
(optional)

HOUSING MATERIAL

- Stainless steel
- PVDF
- PVC

CABLE EXTERNAL JACKET

- PVC
- PUR
- FEP

HOUSING DIAMETER

Down to 17 mm

DETACHABLE PROBE

Selected models

LEVEL RANGES

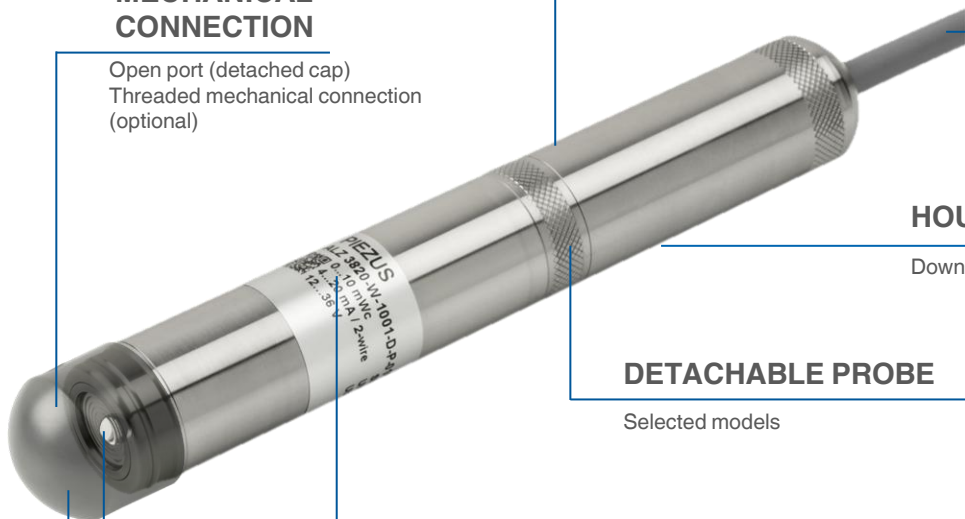
0.4 to 250 mH₂O

OUTPUT SIGNALS

- Analog: Voltage and current outputs
- Digital: HART®, RS-485/Modbus RTU

DIAPHRAGM MATERIAL

- Stainless steel
- Ceramics



SUMBERSIBLE PROBES

ALZ SERIES

BASE SERIES**General industrial****ALZ 3720**

Standard submersible
pressure transmitter

Ranges: 0.4 mH₂O to 250 mH₂O
Reference accuracy: $\pm 0.5 / \pm 0.25\%$
 $\pm 0.2\%$
Probe: $\varnothing 27$ mm
Options: Ex ia, HART, Modbus,
Pt100

**ALZ 3820**

Submersible pressure
transmitter
with detachable probe

Ranges: 0.4 mH₂O to 250 mH₂O
Reference accuracy: $\pm 0.5 / \pm 0.25\%$
 $\pm 0.2\%$
Probe: $\varnothing 27$ mm
Options: Ex ia, HART, Modbus,
Pt100

**ALZ 3822**

Submersible pressure
transmitter
with detachable probe

Ranges: 1 mH₂O to 250 mH₂O
Reference accuracy: $\pm 0.25\%$
Probe: $\varnothing 35$ mm, plastic
Options: HART, Modbus

Precision**ALZ 3721**

Precision submersible
pressure transmitter

Ranges: 0.4 mH₂O to 250 mH₂O
Reference accuracy: $\pm 0.1\%$
Probe: $\varnothing 27$ mm
Options: Ex ia, HART, Modbus,
Pt100

**ALZ 3821**

Precision pressure
transmitter
with detachable probe

Ranges: 0.4 mH₂O to 250 mH₂O
Reference accuracy: $\pm 0.1\%$
Probe: $\varnothing 27$ mm
Options: Ex ia, HART, Modbus,
Pt100

**ALZ 3824**

Precision submersible
pressure transmitter
with detachable probe

Ranges: 1 mH₂O to 250 mH₂O
Reference accuracy: $\pm 0.1\%$
Probe: $\varnothing 35$ mm, plastic
Options: HART, Modbus

SUMBERSIBLE PROBES
ALZ SERIES

SPECIAL SERIES

For aggressive, viscous, abrasive media



ALZ 3740

Precision submersible pressure transmitter for viscous media

Ranges: 0.4 mH₂O to 100 mH₂O
Reference accuracy: $\pm 0.25\%$
Sensor: high-precision ceramic capacitive
Probe: $\varnothing 40$ mm, AISI 316L or 904L
Options: Ex ia, Pt100



ALZ 3742

Precision submersible pressure transmitter for aggressive media

Ranges: 0.4 mH₂O to 100 mH₂O
Reference accuracy: $\pm 0.25\%$
Sensor: high-precision ceramic capacitive
Probe: $\varnothing 40$ mm, plastic (PVC, PVDF)



ALZ 2712

Submersible pressure transmitter for aggressive media

Level: 6 mH₂O up to 100 mH₂O
Basic accuracy: $\pm 0.5\%$
Sensor: ceramic piezoresistive
Probe: $\varnothing 27$ mm, PVC, PP-HT



ALZ 3920

Small diameter submersible pressure transmitter

Ranges: 1 mH₂O to 250 mH₂O
Reference accuracy: $\pm 0.25\%$
Probe: $\varnothing 21$ mm
Options: Ex ia



ALZ 3925

Ultra small diameter submersible pressure transmitter

Ranges: 6 mH₂O to 250 mH₂O
Reference accuracy: $\pm 0.25\%$
Probe: $\varnothing 17$ mm
Options: Ex ia



ALZ 3925

Small diameter submersible pressure transmitter for aggressive media

Level:
- 6 mH₂O up to 200 mH₂O (stainless steel housing),
- 6 mH₂O up to 100 mH₂O (PP-HT and PVC housing)
Basic accuracy: $\pm 0.5\%$
Probe: $\varnothing 21$ mm, PP-HT, PVC.
Optional: $\varnothing 17$ mm

SUMBERSIBLE PROBES

ALZ SERIES

CONNECTION AND HOUSING

- Stainless steel
- PVDF

DIAPHRAGM MATERIAL

- Stainless steel
- Ceramics

PRESSURE PORT

- DIN 3852, EN 837-1, NPT
- Open ports
- Flush diaphragm
- Hygienic connections

SEALS

FKM, NBR, EPDM, VMQ

PRESSURE RANGES

40 mbar to 600 bar

ACCURACY

Starting at 0.25% (TPM method, including linearity, hysteresis and repeatability)

OUTPUT SIGNALS

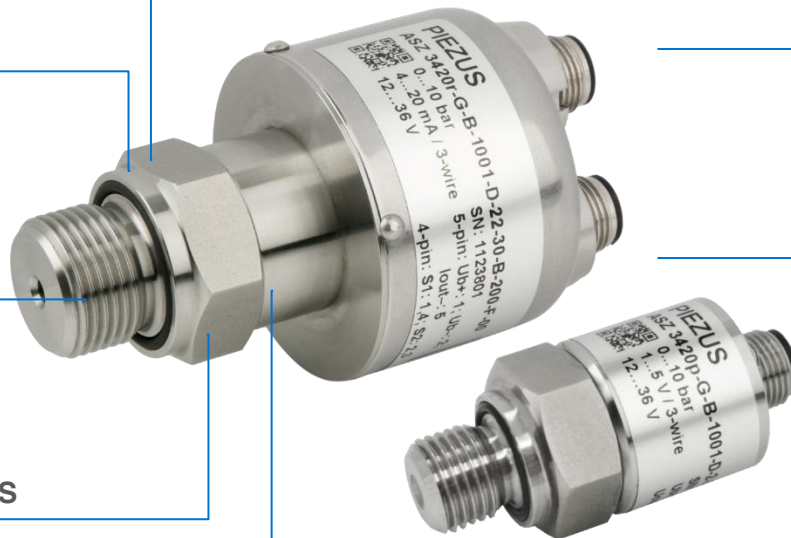
Analog: 4...20 mA, 1...5 V

Relay outputs: SPST Coil or PNP

Digital configuration: P-Conf

MEDIUM TEMPERATURE

-40°C to +135°C

**PRESSURE SWITCHES**
ASZ SERIES

**MECHANICAL CONNECTION
AND HOUSING MATERIAL**

- Stainless steel
- PVDF

**MEDIUM
TEMPERATURE**

-40 °C to +135 °C

**PROCESS
CONNECTION**

- DIN 3852, EN 837-1, NPT
- Open ports
- Flush diaphragm
- Hygienic connections

SEALS

- FKM
- NBR
- EPDM
- Welded sensor (no seals)
- VMQ
- FFKM

DIAPHRAGM MATERIAL

- Stainless steel
- Ceramics

ACCURACY

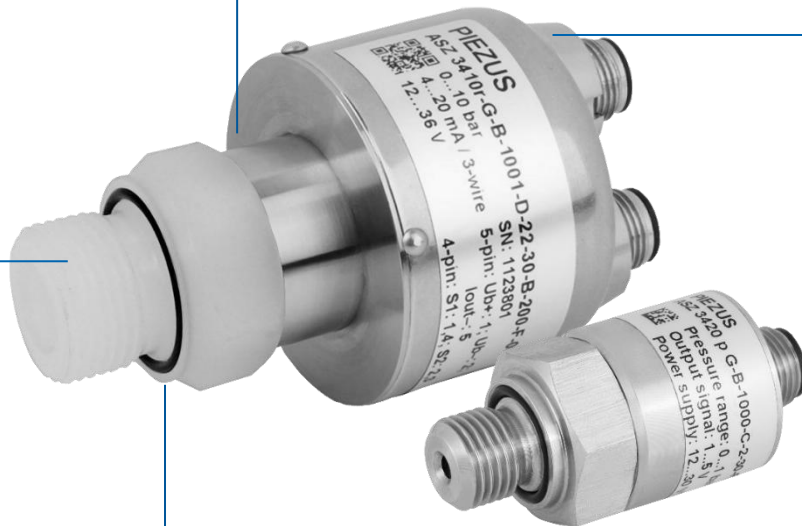
Starting at 0.25% (TPM method, including linearity, hysteresis and repeatability)

OUTPUT SIGNALS

- Analog: 4...20 mA, 1...5 V
- Relay outputs: SPST Coil or PNP

RANGES

40 mbar to 600 bar

**PRESSURE SWITCHES**
ASZ SERIES

Pressure switch with coil SPST relay



APZ 3420 r

Electronic pressure switch
with coil SPST relay

Ranges: 40 mbar to 600 bar
Reference accuracy: $\pm 0.25\%$
Relay outputs: coil SPST, 2 pcs
Analog output: 4...20 mA (3-wire)
Features: adjustable set points
and hysteresis

APZ 3410 r

Electronic pressure switch
with coil SPST relay for
aggressive/viscous/abrasive media

Ranges: 0.6 mbar to 600 bar, adjustable
set points and hysteresis
Accuracy: $\pm 0.5\%$
Relay outputs: coil SPST, 2 pcs
Analog output: 4...20 mA (3-wire)
Sensor: ceramic thick film
Pressure port: stainless steel, plastic

Pressure switch with PNP output



APZ 3420 p

Electronic pressure switch
with PNP output

Ranges: 40 mbar to 600 bar
Reference accuracy: $\pm 0.25\%$
Relay outputs: PNP (high side), 2 pcs
Analog output: 1...5 V (3-wire)
Features: adjustable set points
and hysteresis

APZ 3410 p

Electronic pressure switch
with PNP output for
aggressive/viscous/abrasive media

Ranges: 0.6 mbar to 600 bar, adjustable
set points and hysteresis
Accuracy: $\pm 0.5\%$
Relay outputs: PNP (high side), 2 pcs
Analog output: 1...5 V (3-wire)
Sensor: ceramic thick film
Pressure port: stainless steel, plastic

PRESSURE SWITCHES

ASZ SERIES

PIEZUS

DESIGN & MANUFACTURING
AT A HIGHEST LEVEL

ACCURACY

Starting at 0.25 % (TPM method, including linearity, hysteresis and repeatability)

PRESSURE RANGES

0.04 to 600 bar

HOUSING

Rotatable

MECHANICAL CONNECTION

- DIN 3852, EN 837-1, NPT
- Open port
- Flush diaphragm
- Hygienic connections

SEALS

- FKM
- NBR
- EPDM
- VMQ

STAND-ALONE OPERATION

Up to **1 year** of reliable pressure readings with twice a second update rate in active mode

Up to **5 years** in on-demand mode

DISPLAY

Minimum and maximum values since the last reset

Select measurement units

Decimal point position selectable

Bargraph

Backlight with auto-off feature

Zero trim and Full scale trim

MEDIUM

TEMPERATURE

-40 °C to +135 °C

DIAPHRAGM MATERIAL

- Stainless steel
- Ceramics

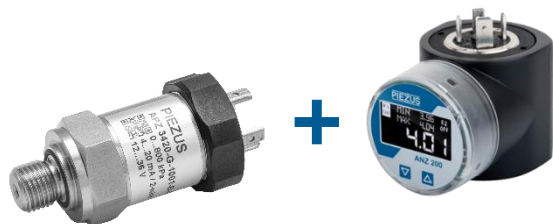
DIGITAL GAUGES

OCTO SERIES



3-IN-1 SOLUTION

- Pressure transmitter
- Digital gauge
- PNP switch

**ANZ 200****PLUG-IN DISPLAY
FOR 4-20 mA OUTPUT
TRANSMITTERS**

- Powered with 4-20 mA loop
- Bright OLED display
- Can be equipped with a PNP switch output with configurable set points and trigger modes
- 320 / 310° rotatable around 2 axes

PRESSURE TRANSMITTER

**4-20 mA OUTPUT
DIN 43650A ELECTRICAL CONNECTION**

SMART PLUG-IN DISPLAY**ANZ**

**Dry air junction box
for submersible
transmitters**

- Aluminum housing
- 10 kV surge protection
- Built-in Pt100 signal converter

**Pulse
snubber**

- Pressure range: up to 700 bar
- Operation principle: throttling
- Temperature: up to +250°C

**Anchoring clamp
for submersible
transmitters**

- Cable diameter: 5.5-10.5 mm
- Materials: stainless steel housing, PA jaws
- Bearing capacity: 250 kg

**Zero trim and
range selection
device**

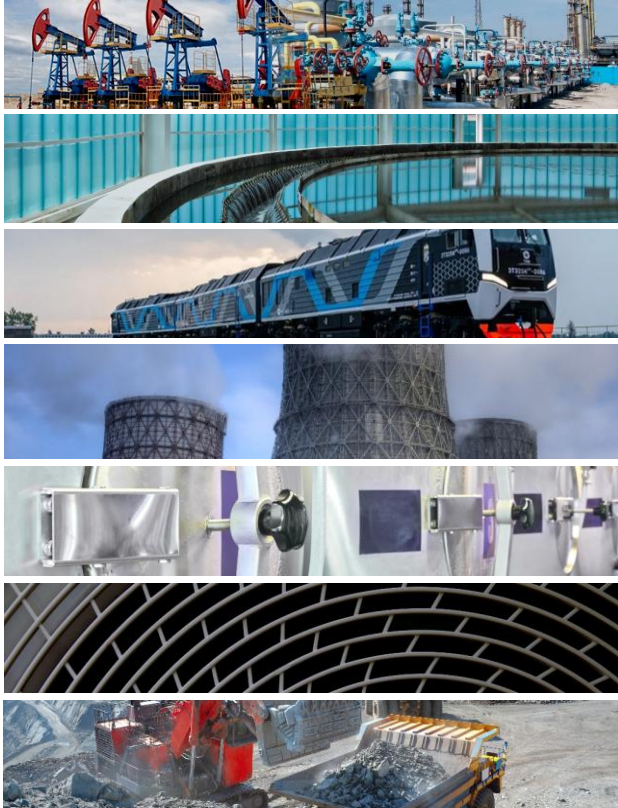
- Ranges: up to 3 ranges selection, zero trim
- Supported transmitters: multi-range
- Power: 4xAA batteries

**Programming
adapter**

- Supported devices: electronic pressure switches
- Transmitter interface: M12x1, 5-pin
- PC interface: USB-A
- PC software: Windows application

ACCESSORIES

FOR INSTALLATION, PROTECTION, CONFIGURATION



- Oil&Gas
- Water and wastewater treatment
- Machine building
- Power Generation
- Food, Pharmaceutical, Biotechnology
- HVAC&R
- Mobile working machines
- Chemistry and petrochemistry
- Automation
- And many others

APPLICATIONS

Liquid and gas pressure control
Pressurized tank level monitoring
Filter and pump diagnostics
Flow measurements
Tank level monitoring
and other

KEY FEATURES

Certified for hazardous locations
High accuracy
Turndown up to 100:1
Wide ambient temperature range
High overpressure stability
Compact, cost-effective solutions available
HART protocol
Remote diaphragm seal version
Reliability and long-term stability

TAILORED PRODUCTS

AMZ 5050
AMZ 5450
APZ 3420 x
APZ 4420
ALZ 3720
And other



OIL & GAS
APPLICATIONS, FEATURES, PRODUCTS

APPLICATIONS

Water level monitoring
Pump control
Water purification systems
Wastewater control
Agriculture applications
and other

KEY FEATURES

Submersible and threaded solutions
Highly aggressive media solutions
(A variety of wetted materials to choose)
Low level monitoring solutions
A variety of mechanical and electrical
connections
A variety of output signals to choose
Pulse snubbers optionally
Cost-effective solutions

TAILORED PRODUCTS

APZ 3420
APZ 3240
APZ 2422
ALZ 3720
ALZ 3820
ALZ 3740
ALZ 3742
NovaMAG Pro
PIEZOSONIC
And others



WATER & WASTEWATER
APPLICATIONS, FEATURES, PRODUCTS

APPLICATIONS

Railway transport hydraulics
Engines
Sea vessel equipment
Processing equipment
Automotive applications
Tunnel Boring Machines
and other

KEY FEATURES

Compact solutions available
Excellent shock and vibration resistance
Vast medium and ambient temperature ranges
High pressure versions
Wide variety of electrical and mechanical connections
CANopen® and J1939 communication options
Sea water resistant versions

TAILORED PRODUCTS

APZ 1110
APZ 2422 a
APZ 3420
ASZ 3420 p
APZ 3420 k
And others



MACHINEBUILDING
APPLICATIONS, FEATURES, PRODUCTS

APPLICATIONS

Power stations
Combined heat and power plants
Heating networks
Hydropower
Central heating points
and other

KEY FEATURES

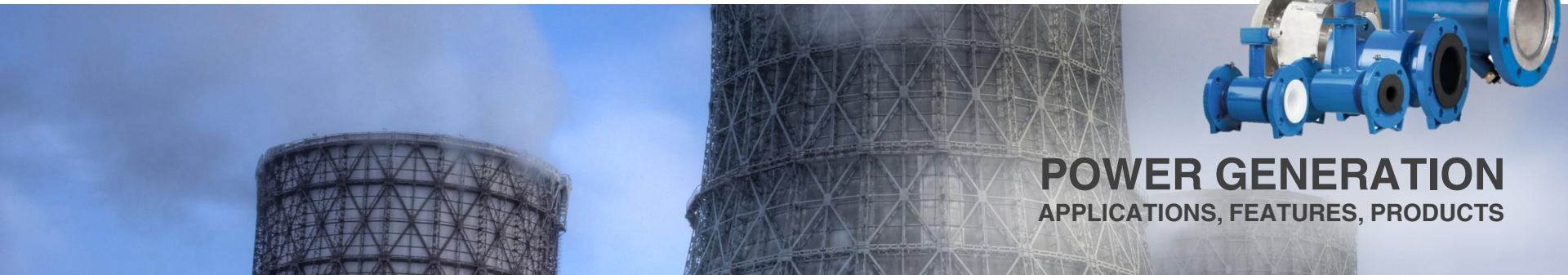
Versions for high temperature of media
Multi-range solutions
Cost-effective solutions
High overpressure resistance
Submersible and threaded solutions
A variety of mechanical and electrical
connections
A variety of output signals to choose

TAILORED PRODUCTS

APZ 3420
APZ 2410
APZ 2412
APZ 2422
ALZ 3720
ALZ 3820
ALZ 3822
PIEZOSONIC
NovaMAG Pro
And others



POWER GENERATION
APPLICATIONS, FEATURES, PRODUCTS



APPLICATIONS

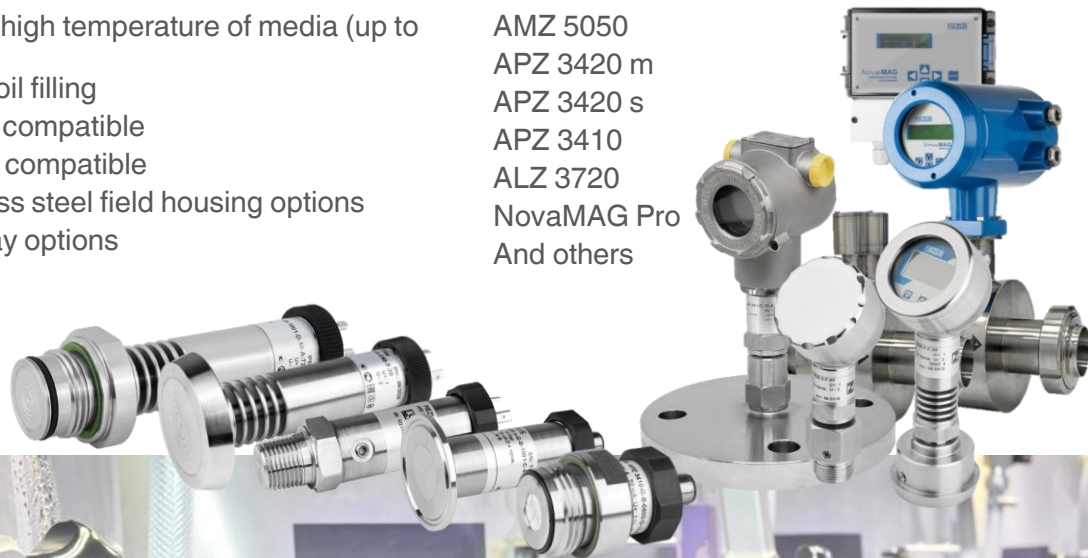
Food and beverage plants
Pharmaceutical plants
Biotechnology production
Cosmetics manufacturing
and other

KEY FEATURES

Hygienic process connections
Versions for high temperature of media (up to 300°C)
Food grade oil filling
CIP and SIP compatible
Pasty media compatible
316L stainless steel field housing options
Digital display options

TAILORED PRODUCTS

AMZ 5450
AMZ 5050
APZ 3420 m
APZ 3420 s
APZ 3410
ALZ 3720
NovaMAG Pro
And others



FOOD, PHARMACEUTICAL, BIOTECHNOLOGY
APPLICATIONS, FEATURES, PRODUCTS

APPLICATIONS

Filters, fans, valves, air shutters monitoring
Heating and ventilation
Air conditioning
Clean rooms
and other

KEY FEATURES

Differential air pressure measurements
Coil SPST relay output
A variety of output signals to choose
Digital display options
Long-term stability

TAILORED PRODUCTS

APZ 2030
APZ 3230
APZ 2422
APZ 3020
OCTO 3420
And others



HVAC & R
APPLICATIONS, FEATURES, PRODUCTS

APPLICATIONS

Mobile hydraulics control
Onboard weighing systems
and other

KEY FEATURES

Excellent vibration and shock resistance
Wide variety of electrical and mechanical
connections
Compact design

TAILORED PRODUCTS

APZ 2410 a
APZ 2422 a
APZ 3420
And others



MOBILE WORKING MACHINES
APPLICATIONS, FEATURES, PRODUCTS



DESIGN & MANUFACTURING
AT A HIGHEST LEVEL

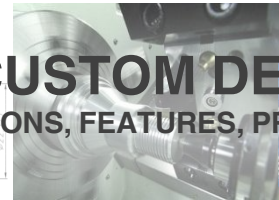
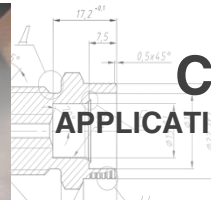
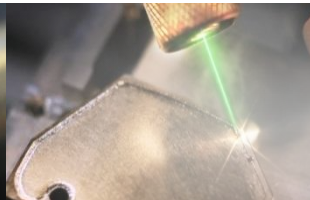
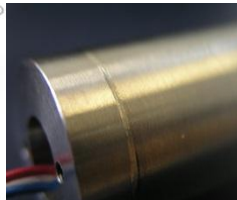


We embrace challenges of designing unique niche solutions for customer special needs

- Improve or tune an existing product
- Innovate and develop from scratch

We readily apply our expertise

- Custom and OEM/ODM projects
- Combine off-the-shelf and know-how



CUSTOM DESIGN
APPLICATIONS, FEATURES, PRODUCTS



DESIGN & MANUFACTURING
AT A HIGHEST LEVEL



sales@piezus.com

PIEZUS

HOME PRODUCTS DOCUMENTS & SOFTWARE ABOUT CONTACTS

PRESSURE & LEVEL TRANSMITTERS

DESIGN & MANUFACTURING AT A HIGHEST LEVEL

PRESSURE TRANSMITTERS

PRESSURE SWITCHES

SUBMERSIBLE PRESSURE
TRANSMITTERS

PRESSURE GAUGES AND
INDICATORS

ACCESSORIES



Your technical and sales resource center

- Product details, datasheets, certificates
- Product selection and comparison tools
- Configuration tools
- Blog, video and whitepapers
- Feedback forms for support and inquiry

PIEZUS.COM
ONLINE RESOURCE CENTER

Step 1 Find the right product

COMPARE

You have no items to compare.

FILTER PRODUCTS

COMPARE FILTERED

New



APZ 3420 x

Compact explosion proof /
flame proof pressure transmitter

Ranges: 40 mbar up to 600 bar
Basic accuracy: $\pm 0.25\%$
Optional display
Approvals: Ex ia, Ex d

Add To Compare



FILTER BY

▼ PRESSURE TYPE

- ☐ differential (3)
- ☐ gauge (15)
- ☐ absolute (9)
- ☐ vacuum (lower range limit from -1 bar) (8)

▼ PRESSURE RANGE

> ACCURACY

> EXPLOSION PROTECTION

> OUTPUT SIGNAL

> ELECTRICAL CONNECTIONS

> PRESSURE PORTS

piezus.com

Step 2 Configure the product and submit an inquiry

Code configurator

APZ 3420 x

Pressure type

-- Please Select --

Units of measurement

-- Please Select --

Pressure range

-- Please Select --

Accuracy

-- Please Select --

Electrical connection

-- Please Select --

Output signal

-- Please Select --

Process connection

-- Please Select --

Seal

-- Please Select --

Version

-- Please Select --

Order code:

APZ 3420 x

PIEZUS.COM

FILTER, COMPARE, CONFIGURE, MAKE AN ORDER

PIEZUS LLC
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CONTACT US
TODAY

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AT A HIGHEST LEVEL

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