

## Description

General Purpose Stainless Steel Pressure Gauges are designed for pressure measurements in industrial applications where high accuracy is not needed. General Purpose Stainless Steel Pressure Gauges have different case designs and wide pressure measurement range and are all compatible with process fluids that do not attack AISI 316L. The filling liquid used in the products lessens the effects of high dynamic pressure loads and vibration to the pressure gauge.

## Industrial Applications

Water&Waste-Water treatment plants, machine building, HVAC systems, hydraulic and pneumatics, process lines

## General Specifications

### Conformity:

EN 837-1

### Gauge Sizes (mm):

Ø63, Ø100

### Unit:

bar/psi

### Measurement Ranges:

0/2,5...600 bar (0/36...9000 psi)

Equivalent compound gauge scales

### Accuracy Class:

Cl. 2,5 (Optional: Cl.1,6)

### Working Pressure:

75% of Full Scale

### Overpressure Resistance:

1.25xFull Scale (Up to 100 bar)

1.15xFull Scale (From 100 bar to 600 bar)

1.1xFull Scale (Over 600 bar)

### Ingress Protection Rate:

IP65

### Versions:

Fillable

Liquid-Filled : Glycerin (Optional: Silicone Oil)

### Working Temperature Range:

Ambient: -20...60°C

Process: 100°C (Liquid Filled)

200°C (Fillable)

### Process Connections:

Ø63 : G1/4"B

Ø100 : G1/2"B

### Materials:

#### Bourdon Tube:

AISI 316L

#### Socket:

AISI 316L

#### Case:

AISI 316L

#### Cover:

AISI 316L

#### Movement:

Stainless Steel

#### Window:

Ø63 Acrylic, Safety Glass (For bayonet case products)

Ø100 Polycarbonate

#### Dial:

Aluminium

#### Pointer:

Aluminium

### Options:

Other process connections

Other pressure units

Dampened Movement (Vib-Lock)

Special dial design

Nitrogen (N) Dial

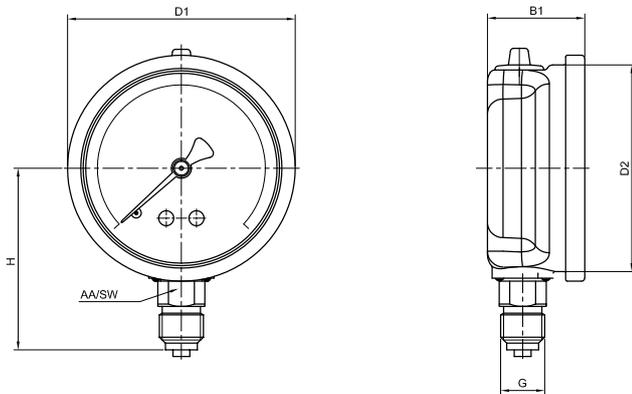
Oxygen (O) Dial

Argon (Ar) Dial

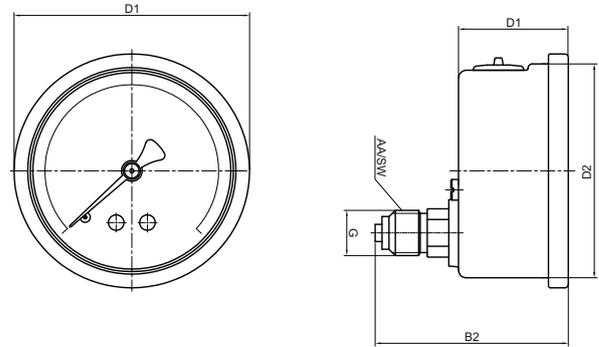
Ammonia (NH<sub>3</sub>) Dial

**Dimensions(mm)**

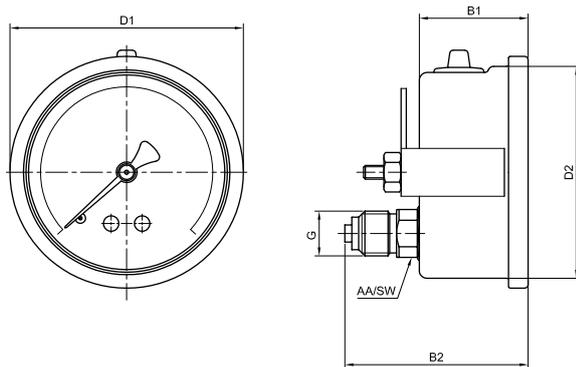
01-Bottom Connection



04-Lower Back

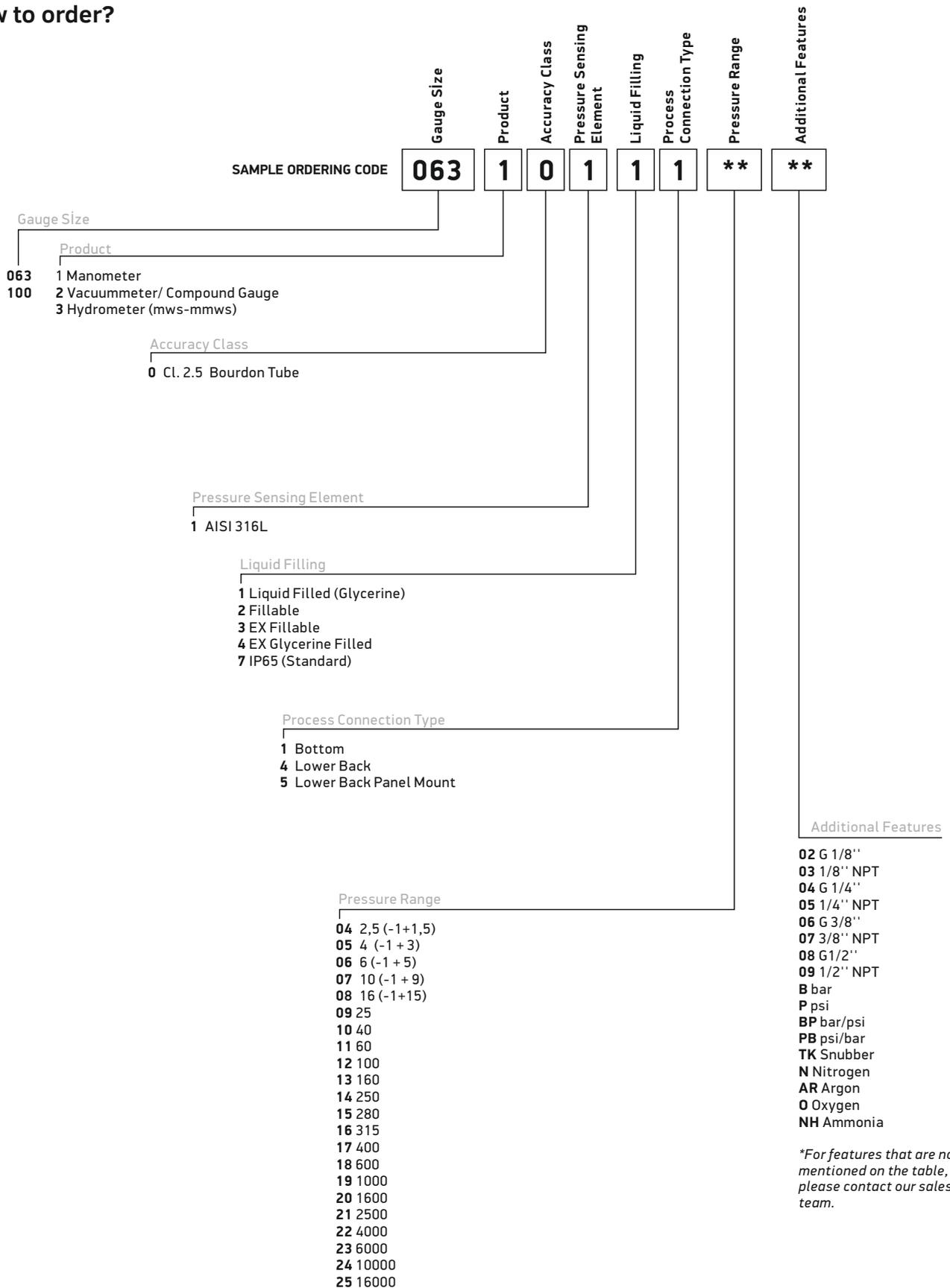


05-Lower Back Panel Mount



Ø	Connections	Version	Case	Window	Cover	D1	D2	B1	B2	H	G	SW
Ø63	Bottom	Standard	Metal	Plastic	Metal	68	62	30,5	-	54,5	G1/4"	14
	Lower Back	Standard	Metal	Plastic	Metal	68	62	31,5	55,6	-	G1/4"	14
	Lower Back Panel Mount	Standard	Metal	Plastic	Metal	68	62	31,5	55,6	-	G1/4"	14
Ø100	Bottom	Standard	Metal	Plastic	Metal	106	98,8	34	-	84	G1/2"	22

## How to order?



## Approvals:

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Turkish Standards Institution



ISO 9001 Quality Management System



TURKAK Calibration Laboratory Accreditation Certificate



2014/68/EU Pressure Equipment Directive - Certificate of Conformity



2011/65/EU Restriction of Hazardous Substances Directive - Declaration of Conformity



Gost Certificate



2014/34/EU Equipment and Protective Systems Intended for use in Potentially Explosive Atmospheres - Certificate of Conformity

*System and quality certifications of PAKKENS Inc.  
Product and product group certifications may vary*