

General Purpose Stainless Steel Pressure Gauges





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 meusurement 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

Technical Document No: SRT.02.12/00

Where Pressure Matters...™

Materials: **Bourdon Tube:** AISI 316L Socket: AISI 316L Case: AISI 316L Cover: AIST 3161 Movement: Stainless Steel Window: Ø63 Acrylic, Safety Glass (For bayonet case products) Ø100 Polycarbonate Dial: Aluminium **Pointer:** Aluminium

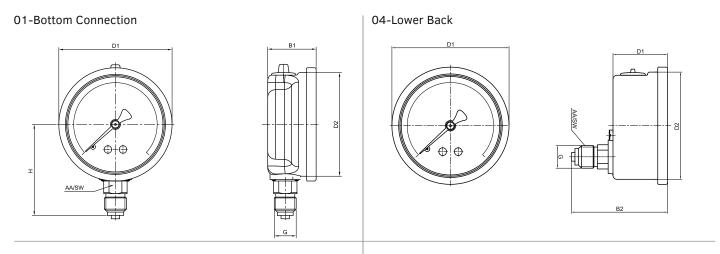
Options:

Other process connections Other pressure units Dampened Movement (Vib-Lock) Special dial design Nitrogen (N) Dial Oxygen (O) Dial Argon (Ar) Dial Ammonia (NH₃) Dial

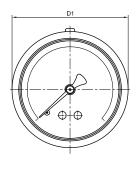


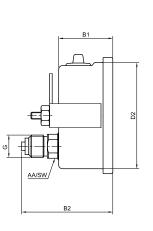


Dimensions(mm)



05-Lower Back Panel Mount





Ø	Connections	Version	Case	Window	Cover	D1	D2	B1	B2	Н	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?

Gauge Sİze

063 100 Product 1 Manometer

2 Vacuummeter/ Compound Gauge 3 Hydrometer (mws-mmws)

Accuracy Class
O Cl. 2.5 Bourdon Tube

General Purpose Stainless Steel Pressure Gauges

SAMPLE ORDERING CODE

Pressure Sensing Element

Liquid Filling

2 Fillable 3 EX Fillable 4 EX Glycerine Filled 7 IP65 (Standard)

1 Liquid Filled (Glycerine)

1 Bottom 4 Lower Back

Process Connection Type

5 Lower Back Panel Mount

Pressure Range

04 2,5 (-1+1,5)

05 4 (-1+3)

06 6 (-1 + 5) **07** 10 (-1 + 9)

08 16 (-1+15)

09 25

10 40

11 60

12 100

13 160

14 250

15 280

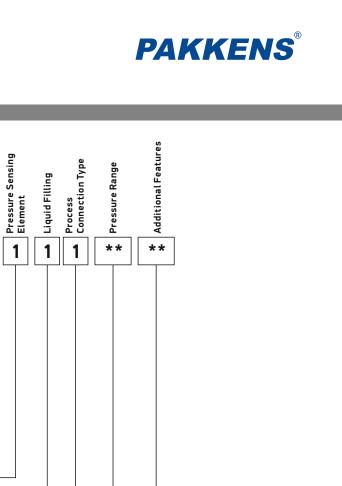
16 315 **17** 400

18 600

19 1000

20 1600

1 AISI 316L



Accuracy Class

0

Product

1

Gauge Size

063

Technical Document No: SRT.02.12/00

Additional Features

02 G 1/8'' 03 1/8'' NPT 04 G 1/4''

05 1/4'' NPT 06 G 3/8''

07 3/8" NPT

08 G1/2'' 09 1/2'' NPT

BP bar/psi

PB psi/bar

TK Snubber

N Nitrogen

AR Argon

O Oxygen

team.

NH Ammonia

*For features that are not

mentioned on the table,

please contact our sales

B bar

P psi





Approvals:

Turkish Standards Institution

[™] ISO 9001 Quality Management System



TURKAK Calibration Laboratory Accreditation Certificate

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

RoHS 211/65/EU Restriction of Hazardous Substances Directive - Declaration of Conformity



P Gost Certificate

2104/34/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

According to the provisions of Law No. 5846 on Intellectual and Artistic Works, quotations, drawings, pictures, schemes, graphics etc. cannot be reproduced ann copied from this document without permission of PAKKENS A.Ş. If the crimes in question are committed, they will be subject to criminal sanctions under 71st and other provisions of the same law.

Copyright © 2020 PAKKENS, All rights reserved.