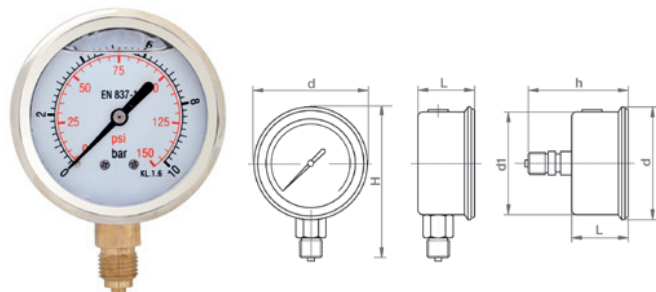


# Industrial Pressure Gauges

Stainless steel case with brass connection and all stainless steel



## STANDARD PRESSURE GAUGES

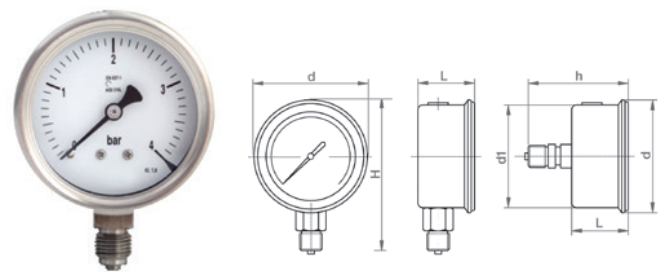
Pressure gauge model BPG10 series are available as 50/60/80/100/160mm. dia. These gauges are uniquely designed for rigorous hydraulic service and other adverse conditions where pulsation or vibrating exists. The stainless steel case and ring are weatherproof to IP65 whilst remaining fully serviceable by the use of a removable bezel.

## GENERAL FEATURES BDT10

**Process connection:** Brass (OT58)  
**Case and Bezel:** AISI304 (crimped or bayonet)  
**Movement:** Brass  
**Pointer:** Fixed slotted in aluminum  
**Dial:** White alluminum, black markings  
**Seals & gaskets:** NBR  
**Window:** Plastic or glass  
**Execution:** Fillable - Glycerin or silicone fille  
**Process size conn.:** 1/8" - 1/4" - 1/2" BSP or NPT  
**Accessories:** 3 hole flange, U-Clamp  
 Electrical contact, SPDT, SPST, 4...20mA

## PG FEATURES

- Measure from vacuum ranges up to 600 bar (1600 for the all SS gauges)
- Available in Stainless steel case & Brass wetted parts or all Stainless Steel
- Select from 63mm. (2.5") to 100mm. (4") dials and dozens of options
- 63mm. diameter with center back connection



## ALL STAINLESS STEEL PRESSURE GAUGES

Pressure gauge model BPG30 is manufactured according to the EN837-1 and is available in full stainless steel or Monel. This pressure gauge is typically used for applications in the chemical, petro-chemical, oil & gas, power and utilities, machine building and general process industries.

## GENERAL FEATURES BPG30

**Process connection:** AISI316(L)  
**Case and Bezel:** AISI304 (SS316 on request)  
**Movement:** Stainless Steel  
**Pointer:** Adjustable slotted in aluminum  
**Dial:** White alluminum, black markings  
**Seals & gaskets:** NBR  
**Window:** Glass  
**Process size conn.:** 1/8" - 1/4" BSP or NPT  
**Special execution:** Ø63 with center back connection  
**Accessories:** 3 hole flange, U-Clamp  
 Electrical contact, SPDT, SPST, 4...20mA

SERIES NUMBER CASE DIAMETER	SENSOR ELEMENT TYPE	ACCURACY (VFS)	SCALE RANGE (bar)		MAX UNWORKING PRESSURE	OPERATING TEMPERATURE		MOUNTING POSITIONS	DIMENSIONS (mm)					
			MINIMUM RANGE	MAXIMUM RANGE		AMBIENT	PROCESS		d	d1	L	H	h	weight (kg)
BPG 10-50	bourdon	1,6 %	0/1	0/600	0,75%	-40°C... +60°C	200°C **	B-D-E	57,5	50,5	28	n/a	46,3	0,10
BPG 10-63	bourdon	1,6 %	-1/0	0/600	0,75%	-40°C... +60°C	200°C **	A-B-C-D-E	68	62	30	85	56	0,14
BPG 10-100	bourdon	1,6 %	-1/0	0/600	0,75%	-40°C... +60°C	200°C **	A-B-C-D-E	110	99	34	138	69	0,53
BPG 30-63	bourdon	1,6 %	-1/0	0/1000	F.S.*	-40°C... +90°C	100°C	A-B-C-D-E	70	63	33	90	60	0,18

\*Max. working pressure, if fluctuating is 0,9% x v.f.s. - Over-pressure 1,25% of full scale @ 20°C

\*\* Op. temp. are for gauges without filling. With filling the ambient °C are -25°C... +60°C (+60°C) with glycerine & -40°C... +60°C (+90°C) with silicone.