# Pressure Gauge (analogue) - Type SPG



Pressure Gauge (Analogue) Type SPG (Stem Mounting)



Pressure Gauge (Analogue) Type SPG (Panel Mounting)

## **Product Description**

## **Area of Application**

• Mechanical pressure measurement

## **Features**

- Suitable for hydraulic oil and gaseous media compatible with copper based alloys
- Available in nominal sizes 63 and 100 mm / 2.5 and 4 in
- Thread form: for BSP (G1/4 and G1/2), NPT (1/4 NPT and 1/2 NPT), SAE (7/16-20 UNF)
- Stainless Steel (1.4301) housing
- Acrylic sight glass
- Glycerine filled
- Standard dual scales with pressure indication in bar and PSI
- . U-bolt or flange mounting kit on request

Note: Please contact STAUFF before you use SPG with other media.

## **Options**

- Protective rubber cap
- Additional scale readings including personilisation
- U-bolt and flange mounting kits are available separately as spare parts

## **Technical Data**

- Pressure gauge according to EN 837-1
- · Subject to technical modifications

## **Accuracies**

SPG-063: 1.6 (± 1.6 % FS\* as per EN 837-1) SPG-100: 1.0 (± 1.0 % FS\* as per EN 837-1)

Note: Accuracy data according to EN 837-1, vertical adjustment position

## **Permissible Temperatures**

-20 °C ... +60 °C / -4 °F ... +140 °F Ambient: Media: max. +60 °C / max. +140 °F

# **Protection Ratings**

■ IP 65: for all manometer SPG-100 and SPG-063 > 16 bar / 232 PSI

and protected against water jets ■ IP 54 for all manometer SPG-063

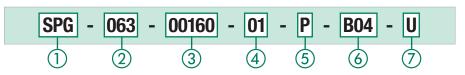
≤ 16 bar / 232 PSI due to pressure compensation opening IP 54 protection rating: Dust protected and protected against

IP 65 protection rating: Dust tight

splashing water

For further information see Catalogue 7 - STAUFF Test.

## **Order Codes**



## 1 Series and Type

Stainless Steel Pressure Gauge SPG

Ø 63 mm, with G1/4 or 1/4 NPT connection 063 Ø 100 mm, with G1/2 or 1/2 NPT connection

## (3) Pressure Ranges

Pressure Ranges for style of scale 01 - bar/PSI	Code	Pressure Ranges for style of scale 05 - PSI/bar	Code
-1 1,5 bar / -14.5 21 PSI	(-00001)-00001.5	-1,02 0 bar / -30 inHg 0 PSI	30HG30
-1 3 bar / -14.5 43 PSI	(-00001)-00003	-1,02 2,07 bar / -30 inHg 30 PSI	03030
0 10 bar / 0 145 PSI	00010	0 2,07 bar / 0 30 PSI	00030
0 16 bar / 0 232 PSI	00016	0 4,14 bar / 0 60 PSI	00060
0 25 bar / 0 362 PSI	00025	0 6,89 bar / 0 100 PSI	00100
0 40 bar / 0 580 PSI	00040	0 11,03 bar / 0 160 PSI	00160
0 60 bar / 0 870 PSI	00060	0 13,79 bar / 0 200 PSI	00200
0 100 bar / 0 1450 PSI	00100	0 20,68 bar / 0 300 PSI	00300
0 160 bar / 0 2320 PSI	00160	0 34,74 bar / 0 500 PSI	00500
0 250 bar / 0 3625 PSI	00250	0 41,37 bar / 0 600 PSI	00600
0 400 bar / 0 5801 PSI	00400	0 68,95 bar / 0 1000 PSI	01000
0 600 bar / 0 8702 PSI	00600	0 103,42 bar / 0 1500 PSI	01500
0 680 bar / 0 9862 PSI	00680	0 137,90 bar / 0 2000 PSI	02000
0 700 bar / 0 10152 PSI	00700	0 206,84 bar / 0 3000 PSI	03000
0 1000 bar / 0 14503 PSI	01000	0 275,79 bar / 0 4000 PSI	04000
		0 344,74 bar / 0 5000 PSI	05000
		0 413,69 bar / 0 6000 PSI	06000
Note: Others on request. Information	always refer to the	0 517.11 bar / 0 7500 PSI	07500

pressure setting of the outside scale.

## 4 Styles of Scales

bar / PSI (bar outside / PSI inside - standard option Europe)	01
bar	02
PSI	03
PSI / bar (PSI outside / bar inside - standard option North America)	05
kPa / PSI (kPa outside / PSI inside)	10

Note: Others on request.

## (5) Adaption

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	Stem mounting	S
	Panel mounting	P

# **(6) Process Connection**

0 ... 689,48 bar / 0 ... 10000 PSI

$\sim$		
	G1/4 (only SPG-063)	B04
	G1/2 (only SPG-100)	B08
	1/4 NPT (only SPG-063)	N04
	1/2 NPT (only SPG-100)	N08
	7/16-20 UNF (only SPG-063)	U04

10000

Note: Others on request.

## (7) Accessories

	No accessory	(none)	
	U-bolt assembly	U	
	Front flange assembly (for panel mount only)	F	
	Rear flange assembly	R	
	U-bolt and front flange assembly	° ′ IIF	
	(for panel mount only)		
	Protective rubber cap (for stem mount only)	G	

\* FS = Full Scale

