

Pressure Gauge (Analog) - Type SPG



Pressure Gauge (Analog) Type SPG (Stem Mounting)



Pressure Gauge (Analog) 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 consult 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

 $\begin{array}{ll} {\rm SPG\text{-}063:} & 1.6~(\pm~1.6~\%~FS^{\star}~as~per~EN~837\text{-}1) \\ {\rm SPG\text{-}100:} & 1.0~(\pm~1.0~\%~FS^{\star}~as~per~EN~837\text{-}1) \\ \end{array}$

Permissible Temperatures

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

Protection Ratings

■ IP 54

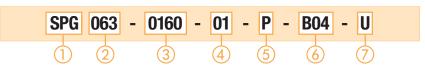
■ IP 65: for all manometer SPG 100 and

SPG 063 > 16 bar / 232 PSI IP 65 protection rating: Dust tight and protected against water jets for all manometer SPG 063 ≤ 16 bar / 232 PSI due to pressure

compensation opening
IP 54 protection rating: Dust
protected and protected against

splashing water

Order Codes



SPG

1 Series and Type Stainless Steel Pressure Gauge

(2) Size	
63 mm, with G1/4 or 1/4 NPT connection	063
100 mm, with G1/2 or 1/2 NPT connection	100

③ Pressure Ranges

-1 1,5 bar / -14.5 21 PSI	(-1)-(1,5)
-1 3 bar / -14.5 43 PSI	(-1)-00003
0 10 bar / 0 145 PSI	00010
0 16 bar / 0 232 PSI	00016
0 25 bar / 0 362 PSI	00025
0 40 bar / 0 580 PSI	00040
0 60 bar / 0 870 PSI	00060
0 100 bar / 0 1450 PSI	00100
0 160 bar / 0 2320 PSI	00160
0 250 bar / 0 3625 PSI	00250
0 400 bar / 0 5801 PSI	00400
0 600 bar / 0 8702 PSI	00600
0 680 bar / 0 9862 PSI	00680
0 700 bar / 0 10152 PSI	00700
0 1000 bar / 0 14503 PSI	01000

Note: Others on request. Information always refer to the pressure setting of the outside scale.

4 Styles of Scales

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

Note: Others on request

(5) Adaption

/			
	Stem mounting	S	
	Panel mounting	P	

(6) Process Connection

ン		
	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

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	HE
	(for panel mount only)	UF

7 Accessories (for Stem Mount only)
Protective rubber cap

For further information on this product, please see page B34, STAUFF Test section.