



RFS HYDRAULICS
CREATING OPPORTUNITIES



PRESSURE GAUGES



Features

- Standard dual scales with pressure indication in bar and PSI
- Suitable for both hydraulic oil and gaseous media compatible with copper-based alloys
- Glycerine filled on request
- U-bolt or flange mounting kit on request

Material Specifications

- Stainless Steel (1.4301) Housing
- Acrylic Sight Glass

Size Range

- Housing Size:
 - 40mm / 1.5 inch
 - 50mm / 2 inch
 - 63mm / 2.5 inch
 - 100mm / 4 inch
- Thread Form:
 - BSP (G1/4 and G1/2)
 - NPT (1/4 NPT and 1/2 NPT)
- Mount Type:
 - Panel Mount
 - Stem Mount

Technical Data

Pressure gauge according to EN 837-1

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)

Permissible Temperatures

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

Protection Ratings

IP 65	for all manometer SPG 100 and SPG 063 > 16 bar / 232 PSI IP 65 protection rating: Dust tight and protected against water jet
IP 54	For all manometer SPG 063 compensation opening IP 54 protection rating: Dust protected and protected against splashing water



RFS Pressure Gauge



Stem Mount



Panel Mount

Pressure Ranges

-1 ... 1,5 bar	-14.5 ... 21 PSI
-1 ... 3 bar	-14.5 ... 43 PSI
0 ... 1 bar	0 ... 15 PSI
0 ... 1.6 bar	0 ... 24 PSI
0 ... 2 bar	0 ... 30 PSI
0 ... 2.5 bar	0 ... 40 PSI
0 ... 4 bar	0 ... 60 PSI
0 ... 6 bar	0 ... 90 PSI
0 ... 7 bar	0 ... 105 PSI
0 ... 10 bar	0 ... 145 PSI
0 ... 16 bar	0 ... 232 PSI
0 ... 25 bar	0 ... 362 PSI
0 ... 40 bar	0 ... 580 PSI
0 ... 60 bar	0 ... 870 PSI
0 ... 100 bar	0 ... 1450 PSI
0 ... 160 bar	0 ... 2320 PSI
0 ... 250 bar	0 ... 3625 PSI
0 ... 400 bar	0 ... 5801 PSI
0 ... 600 bar	0 ... 8702 PSI
0 ... 680 bar	0 ... 9862 PSI
0 ... 700 bar	0 ... 10152 PSI
0 ... 1000 bar	0 ... 14503 PSI

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