

## Pressure Gauge (Digital) - Type SPG-DIGI



### Product Description

The SPG-DIGI Digital Pressure Gauges are intended to measure and display pressures in hydraulic systems, particularly for oils, lubricants and water. They can display the current measured values, as well as minimum and maximum values, with an accuracy of 0,5 % of full scale.

The SPG-DIGI Digital Pressure Gauges are available individually, or as part of a complete pressure test kit. They are very sturdy, reliable, easy to use and come with the CE mark (evidence of conformity compliance).

### Features

- Bar graph display (drag indicator)
- Background lighting
- Zero correction
- Battery charge display

### Technical Data

#### Materials

- Housing made of die-cast Zinc with TPE rubber protective covering
- Adaptor made of Steel, zinc-nickel coated
- Gaskets: NBR (Buna-N®)  
FPM (Viton®) or EPDM upon request

#### Dimensions and Weight

- Diameter: 79 mm / 3.11 in
- Depth: 33 mm / 1.30 in
- Weight: 540 g / 1.19 lbs

#### Display

- Text display 4 1/2-digit
- Size: 50 x 34 mm / 1.97 x 1.34 in
- Actual value display: 15 mm / .59 in
- MIN-/MAX or FS\* display: 8 mm / .31 in
- Units: bar, PSI, Mpa, kPa, mbar
- Peak pressure measurement with 10 ms sampling rate
- Lighted measured value display

### Order Codes

①	②	③	④	⑤
<b>SPG</b>	<b>- DIGI</b>	<b>- B0016</b>	<b>- U</b>	<b>- CAL</b>
① <b>Series</b>	Pressure Gauge	<b>SPG</b>	④ <b>Process Connection</b>	G1/4 <b>B</b> 7/16-20 UNF <b>U</b>
② <b>Type</b>	Digital pressure measurement and display	<b>DIGI</b>	⑤ <b>Calibration</b>	Without calibration certificate <b>(none)</b> With calibration certificate <b>CAL</b>
③ <b>Pressure Ranges</b>				
	-1 ... 16 bar / -14.5 ... 232 PSI	<b>B0016</b>		
	0 ... 100 bar / 0 ... 1450 PSI	<b>B0100</b>		
	0 ... 400 bar / 0 ... 5801 PSI	<b>B0400</b>		
	0 ... 600 bar / 0 ... 8702 PSI	<b>B0600</b>		

### Pressure Ranges

Version	Pressure Range ( <sup>bar</sup> /PSI)	Maximum Pressure ( <sup>bar</sup> /PSI)	Burst Pressure ( <sup>bar</sup> /PSI)
<b>B0016</b>	-1 ... 16	40	50
	-14.5 ... 232	580	725
<b>B0100</b>	0 ... 100	200	800
	0 ... 1450	2900	11603
<b>B0400</b>	0 ... 400	800	1700
	0 ... 5801	11603	24656
<b>B0600</b>	0 ... 600	1200	2200
	0 ... 8702	17404	31908

#### Accuracy

- ±0,25 % FS\* typ. / ±0,5 % FS\* max.
- Resolution: 4096 steps

#### Permissible Temperatures

- Ambient: -10 °C ... +50 °C / +14 °F ... +122 °F
- Media: -20 °C ... +80 °C / -4 °F ... +176 °F
- Storage: -20 °C ... +60 °C / -4 °F ... +140 °F

- Relative humidity: < 85 %
- Battery life: max. 1500 hours  
(operating without lighting, 2 x 1,5 V DC AA (LR6-AA)  
Alkaline Mignon)

#### Process Connections

- G1/4 or 7/16-20 UNF made of 1.4404 Stainless Steel

- Vibration: IEC 60068-2-6 / 10 ... 500 Hz / 5 g
- Shock: IEC 60068-2-27 / 11 ms / 25 g
- Load cycles (10<sup>6</sup>): 100

#### Protection Rating

- IP 67 protection rating: Dust tight and protected against powerful water jets; even immersion (up to 1 m / 3.28 ft) in water is possible under defined conditions of pressure and time