

# Pressure Gauge (Digital) - Type SPG-DIGI



### **Product Description**

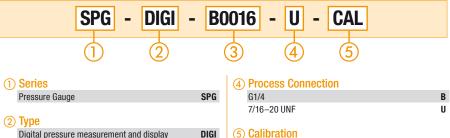
The SPG-DIGI Digital Pressure Gauges are intended to measure and display pressures in hydraulic systems, particularly for oils, lubricants and water. They can display the current measured values, as well as minimum and maximum values, with an accuracy of 0,5 % of full scale.

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

### **Order Codes**



(3)	Pressure Ranges	
	-1 16 bar / -14.5 232 PSI	

Digital pressure measurement and display

-1 16 bar / -14.5 232 PSI	B0016
0 100 bar / 0 1450 PSI	B0100
0 400 bar / 0 5801 PSI	B0400
0 600 bar / 0 8702 PSI	B0600

### (5) Calibration

Without calibration certificate	(none)
With calibration certificate	CAL

### **Pressure Ranges**

Version	Pressure Range (bar/PSI)	Maximum Pressure (bar/PSI)	Burst Pressure (bar/PSI)
B0016	-1 16	40	50
D0010	-14.5 232	580	725
B0100	0 100	200	800
БОТОО	0 1450	2900	11603
B0400	0 400	800	1700
D0400	0 5801	11603	24656
B0600	0 600	1200	2200
D0000	0 8702	17404	31908

### **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

bar, PSI, Mpa, kPa, mbar Units:

• Peak pressure measurement with 10 ms sampling rate

· Lighted measured value display

#### Accuracy

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

### Permissible Temperatures

Ambient:  $-10\,^{\circ}\text{C} ... + 50\,^{\circ}\text{C} / + 14\,^{\circ}\text{F} ... + 122\,^{\circ}\text{F}$ -20 °C ... +80 °C / -4 °F ... +176 °F Media: Storage: -20 °C ... +60 °C / -4 °F ... +140 °F

· Relative humidity: max. 1500 hours Battery life: (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

IEC 60068-2-6 / 10 ... 500 Hz / 5 g Vibration: IEC 60068-2-27 / 11 ms / 25 g Shock:

■ Load cycles (106): 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

**D8** \* FS = Full Scale