

The new STAUFF SPG-DIGI digital pressure gauge continuously measures and displays in-line pressure as well as capturing and displaying minimum and maximum pressure readings. Typical accuracy is 0.5 % of full scale. The unit can be supplied individually or as part of a Pressure Test Kit.



Dimensions

- Diameter $\varnothing 80$ mm (3.15 inch)
- Thickness 33 mm (1.3 inch)

Display

- Text-Display 4 1/2-digit
Dimension : 50 x 34 mm
(1.97 x 1.34 in)
- Text Height: 15 mm (0.59 in)
- Available Units: Bar, PSI, Mpa, kPa, mbar
- "Bar-Graph-Scale" c/w drag indicator
- Back lighted
- Battery Life-Display



Specifications

- Measures inline pressure
- ± 0.5 % FS* accuracy
- Measurement of pressure peaks at 10ms intervals
- Operating temperature : $-10^{\circ}\text{C} \dots 50^{\circ}\text{C}$ (14...122 $^{\circ}\text{F}$)
- Ambient temperature : $-20^{\circ}\text{C} \dots 80^{\circ}\text{C}$ (-4...176 $^{\circ}\text{F}$)
- Back lighted display
- Battery-life indicator 1500 hours (2 x 1.5 V battery)
- Pressure Connection G 1/4 BSPP or 7/16-20 UNF (stainless steel)
- Zinc die cast housing with TPE protective cover
- Adapter is steel with zinc-plating
- Protection class : EN60529 - IP67

* FS = Full Scale

Ordering Code and Technical Data

SPG-DIGI-B0100-U-CAL

Type	
SPG	STAUFF Pressure Gauge

Display	
DIGI	Digital Display

Pressure Range			
Code	Measuring Range	Overload	Burst Pressure
B0016	-1...16 bar (-14.5...230 PSI)	40 bar (580 PSI)	50 bar (725 PSI)
B0100	0...100 bar (0...1450 PSI)	200 bar (2900 PSI)	800 bar (11600 PSI)
B0400	0...400 bar (0...5800 PSI)	800 bar (11600 PSI)	1700 bar (24650 PSI)
B0600	0...600 bar (0...8700 PSI)	1200 bar (17400 PSI)	2200 bar (31900 PSI)

Connection	
B	G 1/4 BSP
U	7/16-20 UNF*

Calibration	
	Without calibration
CAL	With calibration

* Standard

Display and Functional Description

- 1 - "Bar-Graph"-Display, actual and maximum pressure (Peak-Hold-function)
- 2 - Actual value display (height 15mm, 0.59 inch)
- 3 - Battery-Life indicator
- 4 - MIN/MAX- or Full Scale-display

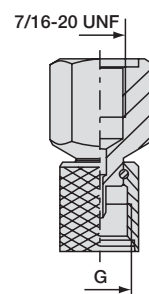
- Turns back light on/off

- Changes between Min/Max- and Full Scale-Display

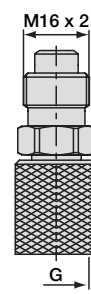
- MENU : Auto-POWER-OFF, choice of units ZERO-Function

- RESET : deletes measured values (MIN/MAX) OK : confirm selected inputs

Additional Adapter

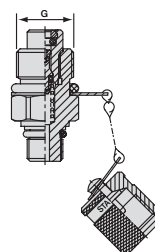


Adapter SDA
Connection pressure gauge with a test point



Adapter SAD
Only in conjunction with adapter SDA20-G1/4, connection with other test point series / threads

For more information about adapters and test points see TEST SECTION of this catalog.



Test Point

Adapter	Adaption from	To Dim. G
SDA20-7/16" UNF	7/16 UNF	M16x2
SDA15-7/16" UNF	7/16 UNF	M16x1,5
SDA12-7/16" UNF	7/16 UNF	S12,65x1,5
SAD20/15-V	M16x2	M16x1,5
SAD20/12-V	M16x2	S12,65x1,5
SAD20/10-V	M16x2	Plug