

SDPG Series

Model: SDPG1000

Digital Pressure Gauge



Description:

the SDPG 1000 Integrated Pressure Gauge for precise fluid pressure monitoring. With a wide measuring range from 0 ... 600 bar to 0 ... 2200 bar and accuracy options of 0.2 %FS and 0.5 %FS, this gauge features a user-friendly LCD, peak value recording, and battery operation. Ideal for industries like hydro-power, water treatment, petroleum, and chemicals, the SDPG 1000 offers versatility and reliability.

With its state-of-the-art resistance measurement via an isolation membrane, the SDPG1000 provides unparalleled accuracy and reliability. The high-precision, low-temperature drift amplifier and advanced A/D converter guarantee consistent performance across various environments.

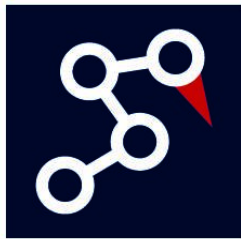
Upgrade your pressure monitoring capabilities with the SDPG1000 Integrated Pressure Gauge—where accuracy meets innovation.

Product Highlights:

- From 0 ... 600 bar to 0 ... 2200 bar
- Accuracy class: $\leq \pm 0.5\%$ / $\leq \pm 0.2\%$
- Powered by 2 x 1.5 V AA cells
- LCD Display, real-time pressure readings
- Capture and store peak pressure
- Switch between kgf/cm², psi, MPa, and bar

Applications include, but not limited to:

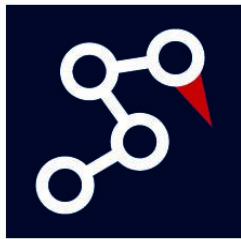
- Hydro-Power
- Water Treatment
- Petroleum
- Chemical
- Mechanical and Hydraulic Systems



STORKSOLUTIONS

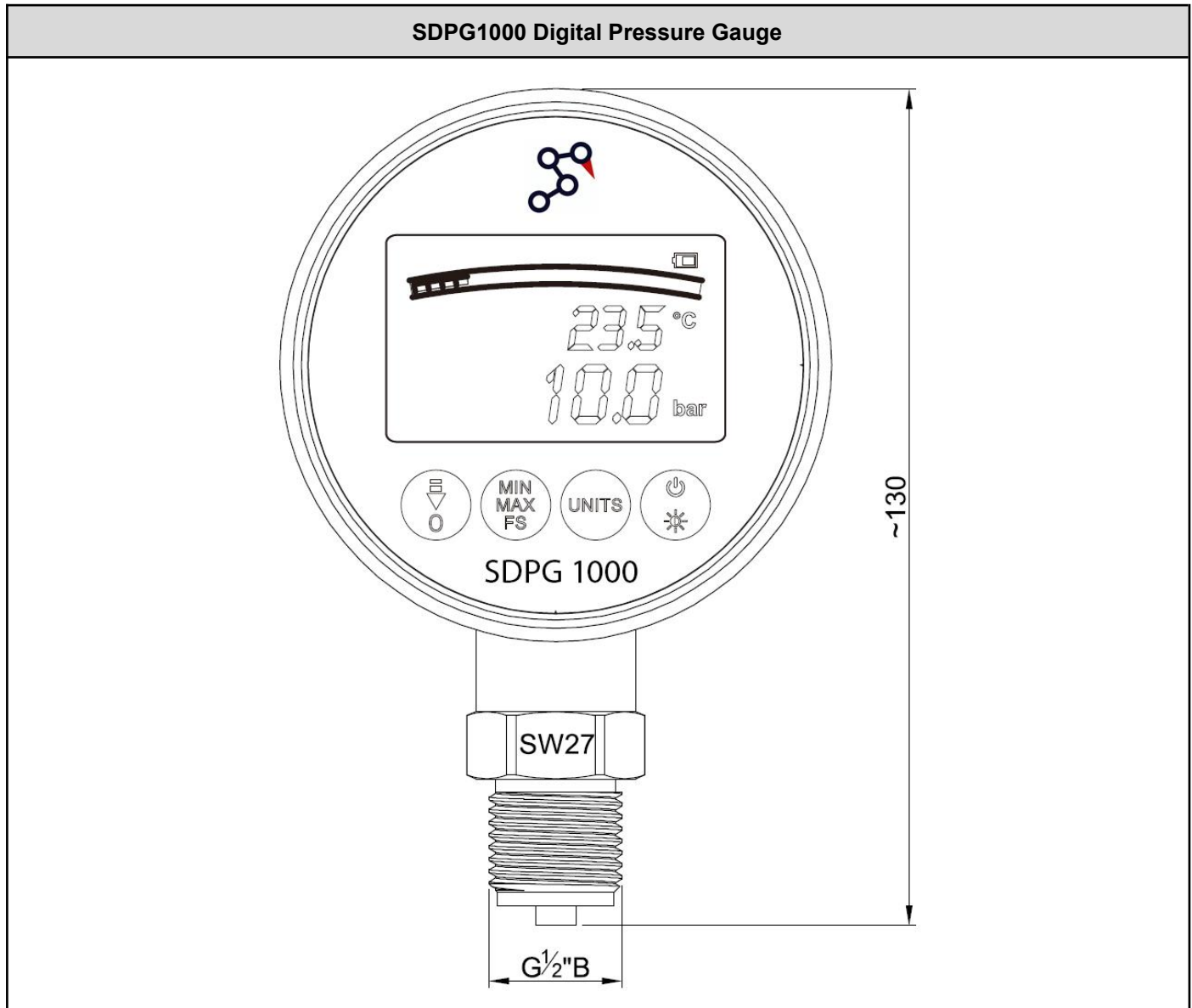
Specification:

SDPG1000 Digital Pressure Gauge	
Sensor technology	Piezo-resistive
Power Source	2 x 1.5 V AA cell
Pressure reference	Sealed Gauge, Absolute
Pressure Ranges	600 bar, 1000 bar, 1600 bar, 2200 bar
Safe over range	1.2 times rated level
Accuracy (NL&H)	$\leq \pm 0.5 \%$ / $\leq \pm 0.2 \%$ (dependant on range)
Long Term Stability:	$\leq \pm 0.3 \%$ FS
Response time	<10mseconds
Ambient temperature	-10 °C to +60 °C
Media temperature	-10 °C to +60 °C
Media wetted parts	Diaphragm: 316L St/St. Housing: 303 St/St
Permissible media	All fluids compatible with media wetted parts
Pressure connection	G1/2 DIN 3852 male
Environmental Protection	IP54



STORK SOLUTIONS

Dimensional Drawings:



Part Numbering:

SDPG1000 Digital Pressure Gauge	
SDPG1000-600 = 0 - 600 Bar	
SDPG1000-1000 = 0 - 1000 Bar	
SDPG1000-1600 = 0 - 1600 Bar	
SDPG1000-2200 = 0 - 2200 Bar	