



STORK SOLUTIONS

SPC Series

Model: SPC223

Pressure Calibrator

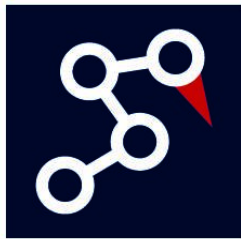


Description:

The SPC223 Pressure Calibrator is a high accuracy, intelligent digital pressure calibrator designed for versatile use across process and industrial applications. With pressure ranges up to 2,500 bar (36,000 psi), multiple accuracy classes and integrated electrical measurement, it is well suited for calibrating pressure and differential pressure transmitters, precision pressure gauges and pressure switches.

Product Highlights:

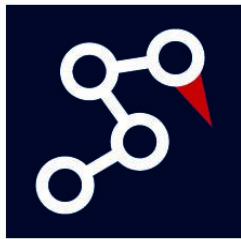
- Six digits resolution display switch;
- Storage 40 files, 40 data per file;
- Percentage bars indication for visual reference;
- RS232 interface to connect with computer for datalogger;
- HART Communication to calibrate HART Pressure transmitter with 24V supply;



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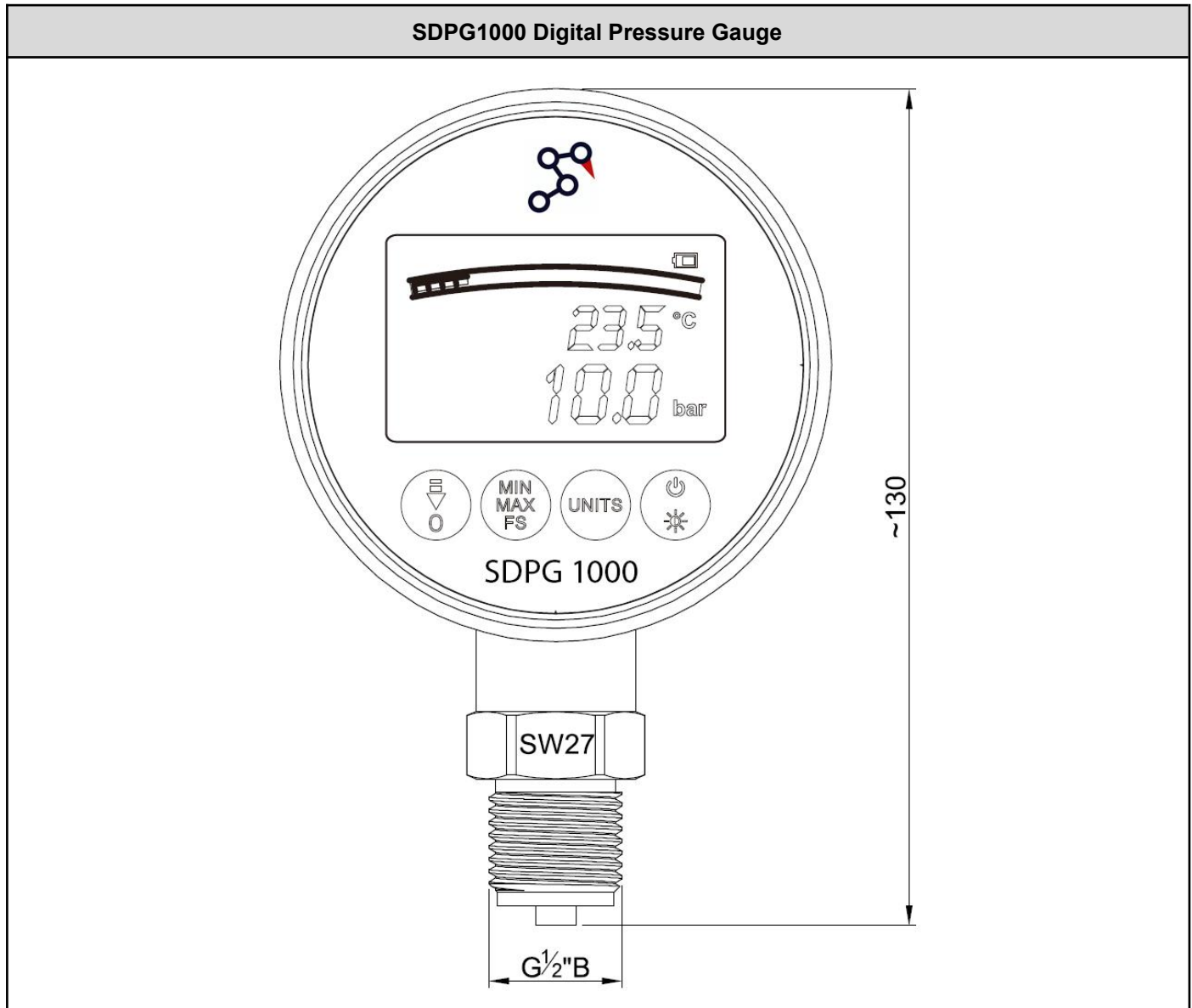
Specification:

SPC223 Pressure Calibrator	
Pressure Range	Up to 2,500bar (36,000psi)
Accuracy	$\pm 0.02\%FS$ or $\pm 0.05\%FS$ or $\pm 0.1\%FS$ accuracy
Connection	M20*1.5, 1/4NPT, 1/4BSP, 1/2NPT, 1/2BSP Male.
Current Measure	Range (-30~30)mA; Accuracy $\pm(0.01\%RD+0.003\%FS)$
Voltage Measure	Range (-30~30)V; Accuracy $\pm(0.01\%RD+0.003\%FS)$
Temperature	Range (0~50)°C; Accuracy $\pm 1^{\circ}C$
DC24V Output	(24 $\pm$ 0.5) V, max 50mA
11 Pressure Units Available	kg/cm2, inHg, inH2O, Pa, kPa, MPa, bar, mbar, psi, mmHg, mmH2O
Pressure Types	Gauge pressure, absolute pressure, differential pressure, compound pressure
Working Temperature	(0 ~ 50)°C with temperature compensation
Relative Humidity	<90% no condensation
Power Supply	7.4V rechargeable lithium battery, AC adapter
Dimension	Header (Ø120× 45) mm, total length 190mm
Accessories	User manual, Battery, Charger
Warranty	1 year



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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