HIGH PRECISION DIGITAL PRESSURE METER

PCE-PG 20H



Specification

Pressure	
Measuring range with	-0,088 ... +2 MPa
Resolution	0,0001 MPa
Accuracy	0.05% FS.
Pressure	
Measuring range with	-0,88 ... +20 bar
Resolution	0,001 bar
Accuracy	0.05% FS.
Pressure	
Measuring range with	-12,8 ... +290,1 psi
Resolution	0,1 psi
Accuracy	0.05% FS.
Pressure	
Measuring range with	-88 ... +2000 kPa
Resolution	0,1 kPa
Accuracy	0.05% FS.
Pressure	
Measuring range with	0,9 ... 20,39 kgf/cm²
Resolution	0,01 kgf/cm²
Accuracy	0.05% FS.
Pressure	
Measuring range with	-88000 ... +2000000 Pa
Resolution	1 Pa
Accuracy	0.05% FS.
Pressure	
Measuring range with	-26 ... +590,6 inHg
Resolution	0,1 inHg
Accuracy	0.05% FS.
Pressure	
Measuring range with	-660 ... +15001 mmHg
Resolution	1 mmHg
Accuracy	0.05% FS.
Pressure	
Measuring range with	-353 ... +8037 inH2O
Resolution	1 inH2O
Accuracy	0.05% FS.
Pressure	
Measuring range with	-89737 ... +2039480 mmH2O

General technical data	
Outputs	4 ... 20mA
Units	bar, psi, kPa, MPa, kgf/cm², Pa, inHg, mmHg, inH2O, mmH2O
Connections	M20 x 1.5 mm
Display Typ	LCD
Display size	3,1 in
Interface	RS485
Response time	0,5 s
Measuring medium	Water, Oil, Air
Housing	Stainless steel
Overload protection	1.2 times overload
Sensoren	Silicon pressure sensor
Protection class (device)	IP56
Power supply	100 ... 240V AC | 50/60 Hz
Connector type	Euro plug
Battery/battery	1 x 3,6 V intern , Lithium-ion battery
Battery capacity	2600 mAh
Operating conditions	-10 ... 50 °C , 0 ... 95 %RH
Storage conditions	-20 ... 70 °C , 0 ... 85 %RH
Dimensions (L x W x H)	165 x 112 x 47 mm
Weight	601 g

PCE Americas Inc. dba PCE Instruments
1201 Jupiter Park Drive, Suite 8
Jupiter, FL 33458
USA

Phone: +1-561-320-9162
info@pce-americas.com

Resolution	1 mmH2O
Accuracy	0.05% FS.