

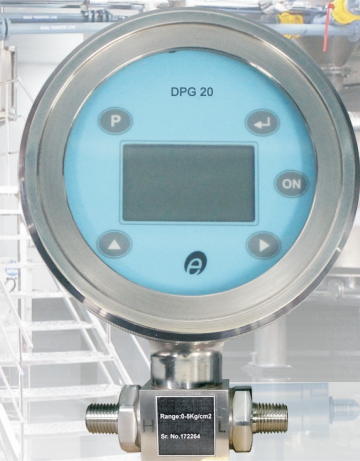
DPG - 20

DIFFERENTIAL PRESSURE GAUGE



FEATURES

- Piezo Resistive Silicon Sensor
- Measuring Range +/- 0.1 to 25 bar
- Indication Through LCD
- Display Auto Shut Off Facility
- Battery Operated
- Reliable and Cost Effective
- Unit Conversion Facility
- Zero Tare Facility



Electronet series DPG-20 is Digital Differential Pressure Gauges for fast, easy & trouble free operation. These can be cost effective & ideal for monitoring the pressure. Display shut-off facility is provided so that display can be made 'ON' only if required through push button. Thus it saves the battery power & results in long lasting battery operation.

Technical Specifications

Sensor Type	Piezo Resistive
Diaphragm MOC	Hastelloy C / SS316L
Process Connection MOC	SS316 / SS316 L / Hastelloy C
Sensor Type	Piezo Resistive
Measuring Range	±0.1 to 25 Bar
Display	8 x 1 LCD
Accuracy	± 0.25% F. S.
Burst Pressure	2 times max. Pressure range
Over Range Protection	1.5 times of Max. operating pressure
Process Temperature	120 °C max
Display Lock	Display can be made ON by pressing 'ON' Key on front fascia Display ON duration programmable (1 min, 2 min, 5 min & conti. ON)
Power Supply	3.6 V, Battery Operated
Battery Back up Time	2000 Hrs
Response Time	< 200 mSec
Temperature Coefficient	± 0.01% per °C
Enclosure Material	SS / Die cast Aluminum IP-65
Pressure Entry	1) Bottom, 2) Rear
Process Connection	1) 1/4" NPT, 2) 1/2" NPT, 3) 1/4" BSP, 4) 1/2" NPT
Weight	1 kg (Approximate)
Operating Conditions	Temperature : -20 to 75 °C / Humidity : 5 to 95% non condensing
Certification	CE

Product Drawing & Dimensions

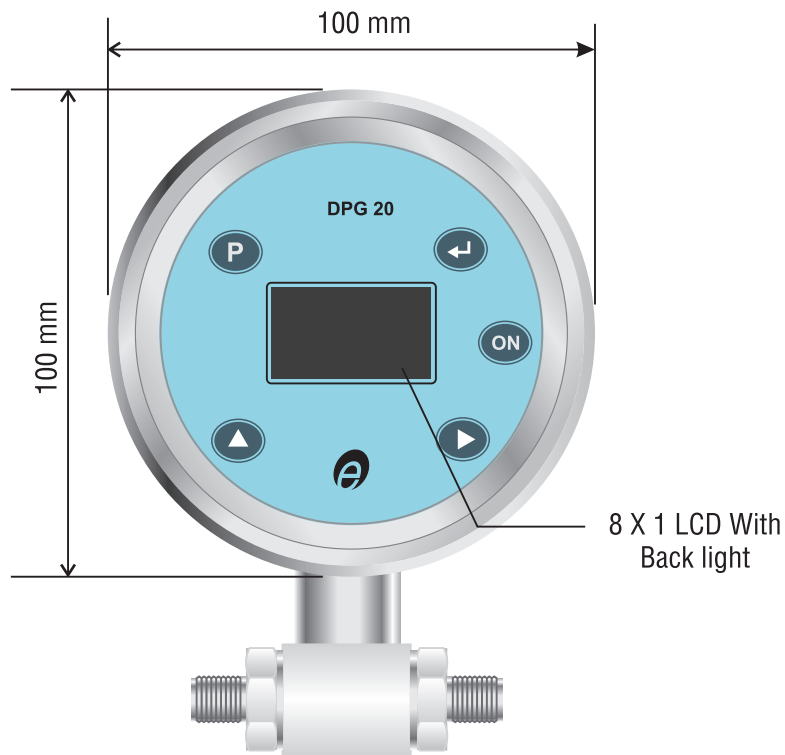


Fig 1 Front View

Assembly Overview Details

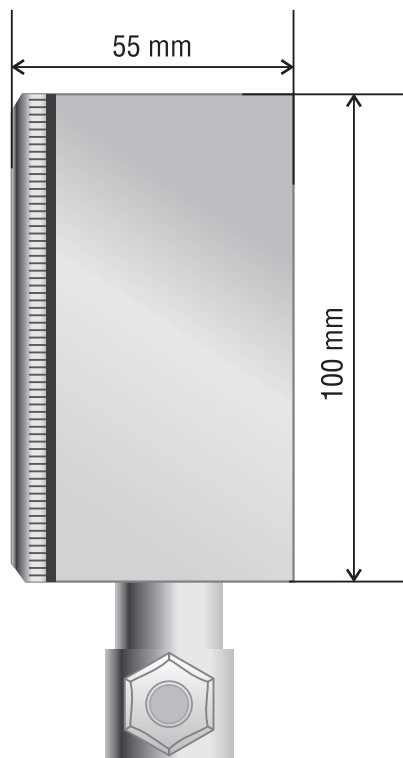


Fig. 2 Side View

Ordering Information

Sample Order Code : 03C-05E-07B-22B-53Y-66H-76A

Parameter	Code	Value	Parameter	Code	Value
03 Measurement Type	03C	DP	53 Communication Output 1	53C	GSM
				53Y	None
05 Pressure Range	05B	1.16 psi	66 Process Connection	66G	¼" NPT (M)
	05C	5.801 psi		66H	½" NPT (M)
	05D	29.007 psi		66I	¼" BSP (M)
	05E	100 psi		66J	½" BSP (M)
	05F	300 psi		66R	¼" NPT (F)
07 Area Classification	07A	Weather Proof		66S	½" NPT (F)
	07B	Flame Proof		66T	¼" BSP (F)
22 MOC Electronics Enclosure	22A	Die Cast Aluminium		66U	½" BSP (F)
	22B	SS316		76 Process Connection Point	76A
				76B	Rear

Note :

- Due to our continuous product revisions, design specification and model numbers are subject to change without notice.
- Accuracy defined at Lab Conditions.
- For other requirement please consult factory.

Applications

Food Industry	Chemical Industry	Atomic Energy	Manufacturing Industry
Automation Industry	Thermal Power Energy	Process Industry	Water Treatment Industry

ELECTRONET EQUIPMENTS PVT. LTD.

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