

Main specifications

▼ Size

2.5"

▼ Pressure connection

Material : Stainless steel

M20*1.5

G1/2

G1/4

1/2" NPT

1/4" NPT

Other thread type available upon request

▼ Pressure range

Negative pressure and composite range:

-0.1~-0.01~0.01~0.1~1MPa

Micro pressure:

0-5/10/16/25/40/60/100kPa

Regular pressure:

0-0.25/0.6/1/1.6/2.5/4MPa

High pressure:

0-6/10/16/25/40/60MPa

▼ Applicable fluid

Liquid that compatible with stainless steel

▼ Working temperature

-40°C~80°C

▼ Compensation temperature

-10°C~70°C

▼ Environmental temperature

-40°C~100°C

▼ Protection level

IP65

Other specifications

▼ Ring

SS304

▼ Screen display

4-digit LCD

▼ Output signal

RS485 / 4-20mA

▼ Power supply

12-28VDC (24VDC)

▼ Accuracy

±0.25%F.S. / ±0.5%F.S.

▼ Stability

≤ 0.5% / year

▼ Response time

≤2ms

▼ Zero point temperature drift

Typical: ±0.02%F.S./°C ·

Max.: ±0.05%F.S./°C

▼ Sensitivity temperature drift

Typical: ±0.02%F.S./°C ·

Max.: ±0.05%F.S./°C

▼ Electrical protection

Reverse connection protection, designed to resist frequency conversion interference

▼ Overload pressure

<10MPa 200%

≥10MPa 150%

Digital Pressure Gauge

Model: DPG-X065R(EP)

Introduction

DPG-X065R(EP) features a built-in pressure that can instantly display pressure, while the pressure signal can be transmitted over a distance greater than 500 meters. It can be used to replace traditional dial pressure gauges or pressure sensors, offering a wide range of medium applicability. It is widely used in automation equipment, variable frequency water supply, medical devices, pneumatic and hydraulic systems.

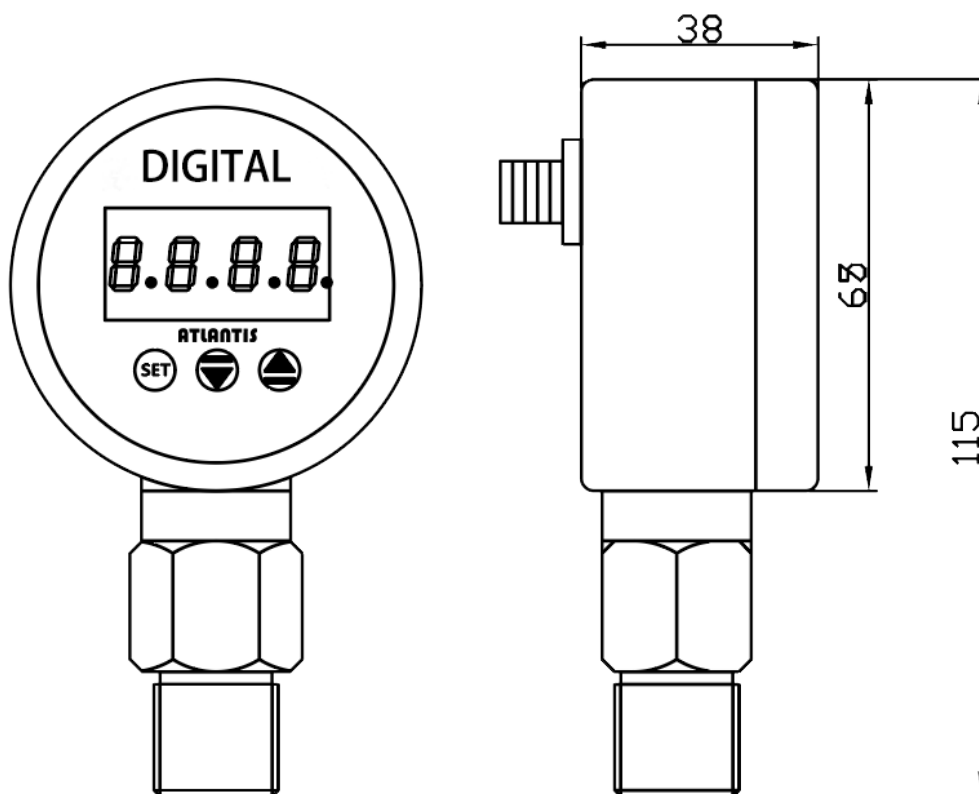


Due to the variety of customization, the picture is only for reference, please confirm the actual item with our sales. (If there is any change on specification, please take the latest version as standard.)

Features

- LCD display screen, clear and easy-to-read values, ignoring value errors
- Good stability, designed to resist electromagnetic interference
- Multiple pressure unit switching, error zeroing function
- Wide temperature range, suitable for the vast majority of media
- Accuracy can reach up to ±0.25%

Dimensions



Unit: mm

How to order

DPG-X065R(EP) Digital Pressure Gauge									
Std.	Spec.	Code	Item	Code	Item	Code	Item	Code	Item
M20	Pressure connection	M20	M20*1.5	G2	G1/4	G4	G1/2	4N	1/2" NPT
		2N	1/4" NPT	O	Other	-	-	-	-
Custom	Pressure range	Negative pressure and composite range: -0.1...-0.01~0.01...0.1...1MPa Micro pressure: 0-5/10/16/25/40/60/100kPa Regular pressure: 0-0.25/0.6/1/1.6/2.5/4MPa High pressure: 0-6/10/16/25/40/60MPa							
05	Accuracy	025	±0.25%F.S.	05	±0.5%F.S.	-	-	-	-
R	Output signal	R	RS485	mA	4-20mA	-	-	-	-
/B	Other requests	/A	Third party notarized document						
		/B	Inspection report (issued by Re-Atlantis)						
		/C	Tag						

Order example: DPG-X065R(EP) - M20 - (0~2.5MPa) - 0.5 - R - /B