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Differential pressure gauge

P G D - 1 ( 0 0 )

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**SPECIFICATION**

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Specifications are subject to change without notice.

PANTOS CO . , LTD	Drawing Number	Amendment
	P G D - 1 - 0 0 - 0 0 0 1	

Product number	Drawing name
PGD - 1	Differential pressure gauge PGD - 1 ( - 0 0 ) SPECIFICATIONS

## 1 . Outline

This is a differential pressure gauge that measures atmospheric pressure A and atmospheric pressure B and calculates and displays the difference.

## 2 . Basic specifications

Model ; PGD - 1 ( 00 Specification )  
Name ; Differential pressure gauge  
Function ; A - B Differential pressure measurement  
Input ;  $\phi$  4.5 mm  
( For rubber tube with inner diameter of  $\phi$ 3 mm and for connection )

## 3 . Measurement

Number of measurements : 2 elements ( A channel , B channel )  
Differential pressure : Pressure A - Pressure B ( Maximum  $\pm$  1 0 0 . 0 kPa )  
Measurement range : 0 ~ 2 0 0 kPa ( Both A and B )  
Absolute maximum pressure 4 0 0 kPa  
Accuracy :  $\pm$  1 % /FS  
Reply speed : 1 0 Hz ( - 3 dB )

## 4 . Display

Display : Differential pressure A - B ,  $\pm$  1 0 0 . 0 kPa  
Display figure : 3 <sup>1</sup>/<sub>2</sub> digit digital display

## 5 . Output

Differential pressure :  $\pm$  1 0 V /FS  
F S : 1 0 0 . 0 kPa

## 6 . Calibration

Calibration output : When the MEAS./CHECK switch is set to the check side, the full scale of the differential pressure is output ( 100.0 is displayed and + 10.00 V is output )

## 7 . General matter

Power supply : A C 1 0 0 V  
Use environment : Temperature 5 ~ 4 5 °C Humidity 3 5 ~ 8 5 % R H  
Preservation environment : Temperature 0 ~ 4 5 °C No condensation  
External dimensions : 1 5 5 ( W ) mm  $\times$  6 5 ( H ) mm  $\times$  1 5 9 ( D ) mm  
Mass : Approx. 2 kg  
Vibration : Less than 0 . 1 G ( 5 ~ 5 5 Hz )  
Impact : Unacceptable

## 8 . Accessories

: Instruction manual 1  
: Exam result 1  
: Fuse 0 . 5 A 1  
: Power supply cable 2 m 1  
: 2P - 3P conversion plug 1  
: BNC cut cable 3 m 1

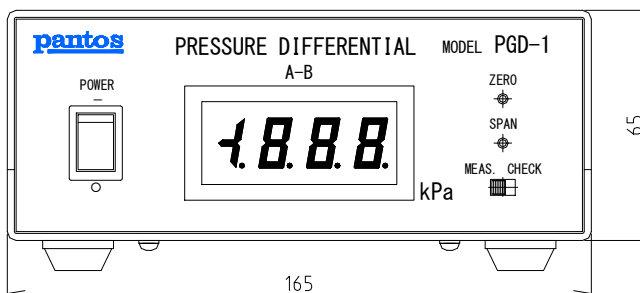
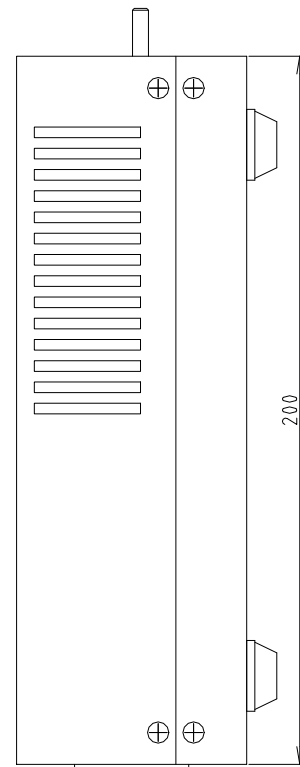
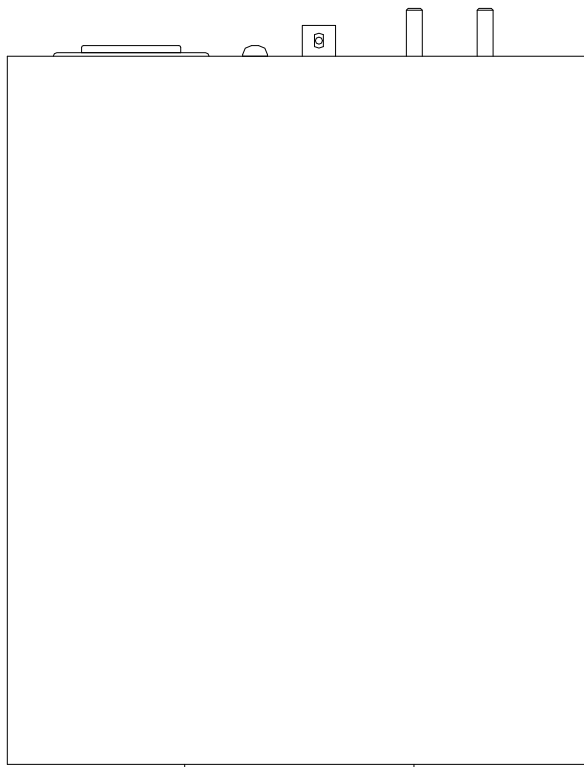
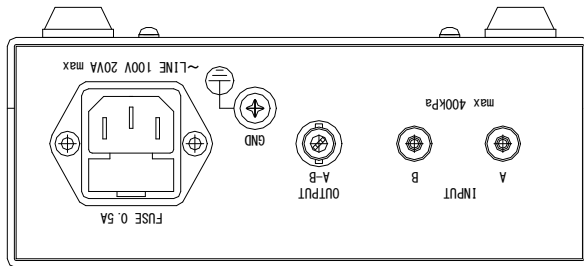
Product number

PGD - 1

Drawing name

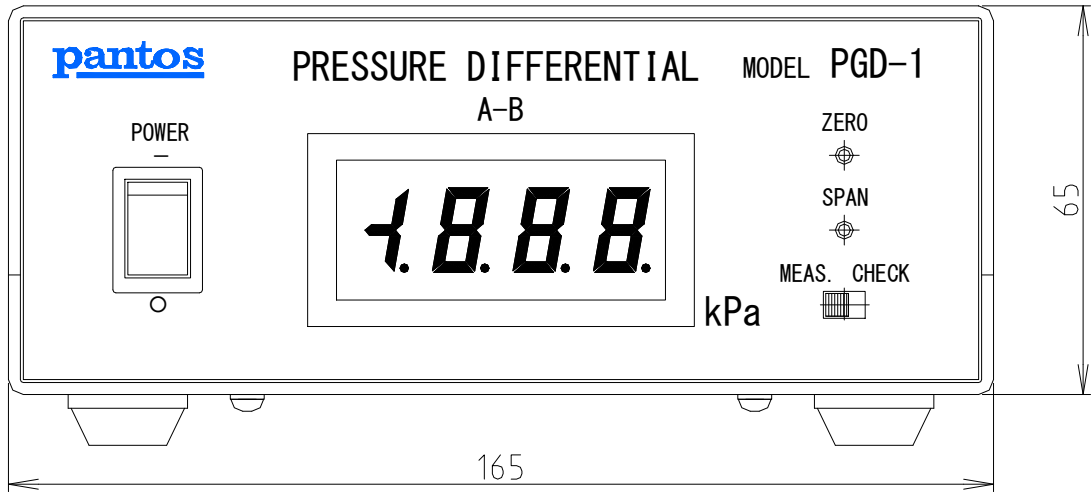
Differential pressure gauge PGD - 1 ( - 00 ) SPECIFICATIONS

External view



Product number	Drawing name
PGD - 1	Differential pressure gauge PGD - 1 ( - 00 ) SPECIFICATIONS

Front



Rear

