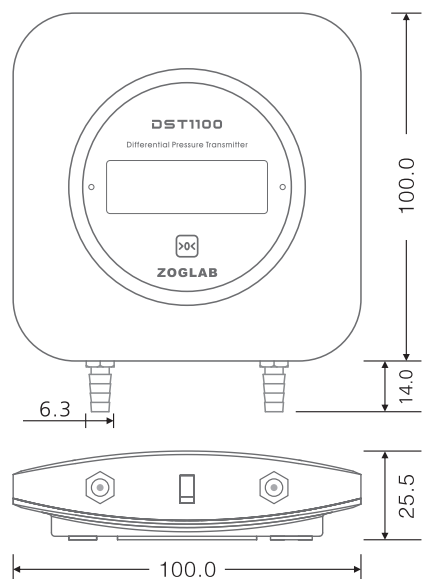


\* Please read this guide carefully before using.

DST1100UG1408V001E

### • Dimensions •



Unit:mm

### • DST1100 Family •

## DST1100-AA111

AA: 2 wire 4~20mA  
 V 1: 3 wire 0~1V  
 V 5: 3 wire 0~5V  
 V V: 3 wire 0~10V  
 DD: RS485

1: DP Accuracy  $\pm 0.5\%$  of reading  $\pm 2\text{Pa}$

0: DP Measuring range -100~100Pa  
 1: DP Measuring range -200~200Pa  
 2: DP Measuring range -500~1000Pa  
 3: DP Measuring range -1000~1000Pa

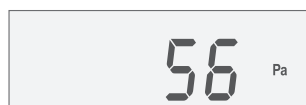
0: No display  
 1: Display

### • Technical Specifications •

DP Sensor model	Silicon piezoresistive
DP Measuring range	-100~100Pa, -200~200Pa, -500~1000Pa, -1000~1000Pa
DP Accuracy	$\pm 0.5\%$ of reading $\pm 2\text{Pa}$
DP Resolution	1Pa
Power supply	4~20mA(0.02 x $R_L$ +10V)<Uv<28V DC 5V~28V DC(0~5V 8V DC~28V DC 0~10V 14V DC~28V DC)
Working temperature	-30°C~70°C, -40°C~85°C (No display)
Storage temperature	-50°C~90°C
Transmitter type	2 wire 4~20mA, Voltage output, RS485
Analog output	4~20mA $R_L < (U_v - 10) / 0.02 < 500 \Omega$ 0~10V -1mA < $I_L < 1\text{mA}$ 0~5V -1mA < $I_L < 1\text{mA}$ 0~1V -1mA < $I_L < 1\text{mA}$
Power consumption	$\leq 4\text{mA}$ (24V DC)
Digital output	RS485(Only for DD version)
ESD Protection	$\pm 25\text{KV}$
IP Class	IP50
Housing	ABS+PC, flame-retardant, toxicity and halogen free
Dimensions	114.0 x 100.0 x 25.5mm
Weight	91g

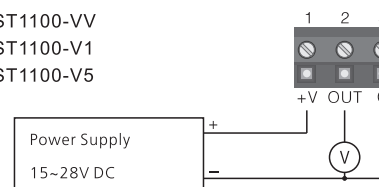
### • Display •

DP display status

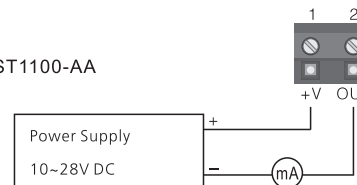


### • Power Supply Connection •

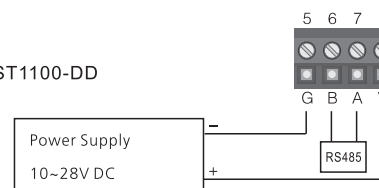
DST1100-VV  
 DST1100-V1  
 DST1100-V5



DST1100-AA



DST1100-DD



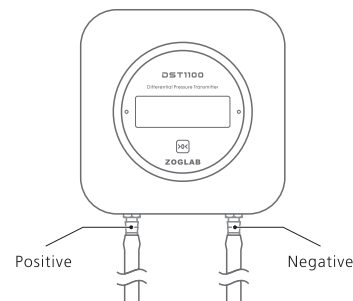
### • Operation Description •

#### Connecting DP point

Using a rubber probe to connect the testing object with the head connector.

#### Make zero

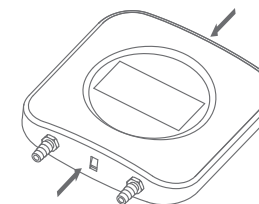
Please make zero before measuring. In measuring status, press  $\square$  key for 2s will make zero, the LCD display will show zero status when succeeded.



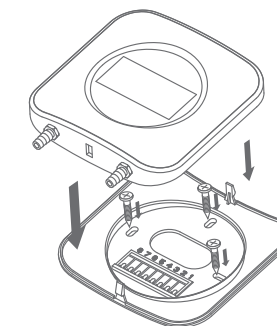
Notice: When connecting, please make sure to distinguish positive and negative side.

### • Mounting •

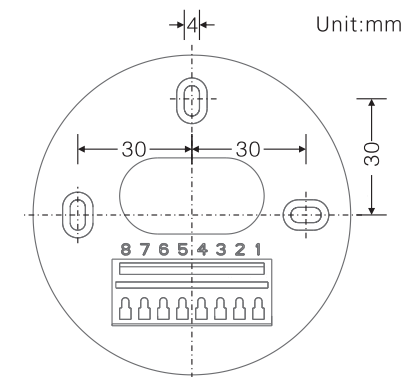
1. Press buckles at the two ends to open the case.



2. Install the back cover on the wall, then close it with front cover.



Mounting Dimensions:



Unit:mm



EN61326-1 EN61326-2-3 FCC Part15 ClassB  
 Appearance Patent No: 201130349840.6

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