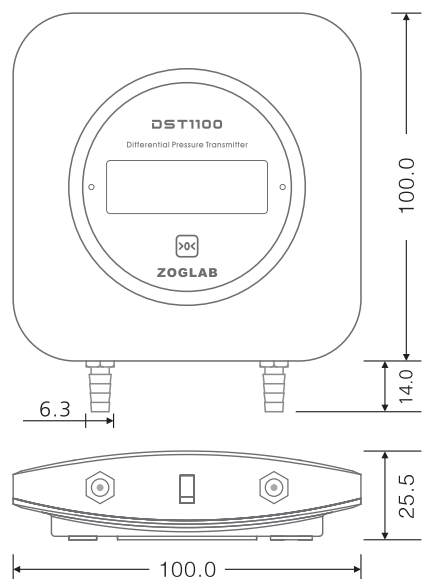


* Please read this guide carefully before using.

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

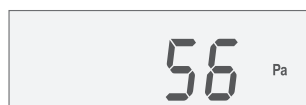
0: No display
 1: Display

• 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)<U _v <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< 500Ω 0~10V -1mA<I<1mA 0~5V -1mA<I<1mA 0~1V -1mA<I<1mA
Power consumption	≤4mA(24V DC)
Digital output	RS485(Only for DD version)
ESD Protection	±25KV
IP Class	IP50
Housing	ABS+PC, flame-retardant, toxicity and halogen free
Dimensions	114.0 × 100.0 × 25.5mm
Weight	91g

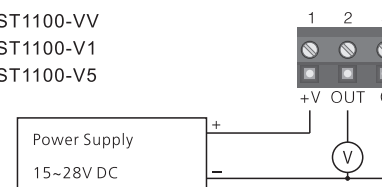
• Display •

DP display status

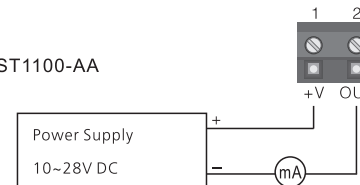


• Power Supply Connection •

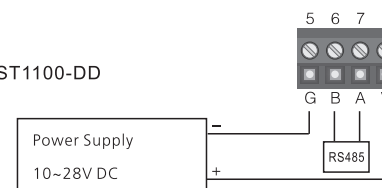
DST1100-VV
 DST1100-V1
 DST1100-V5



DST1100-AA



DST1100-DD



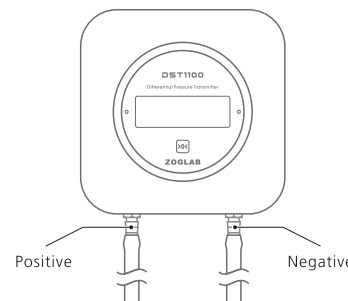
• Operation Description •

Connecting DP point

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

Make zero

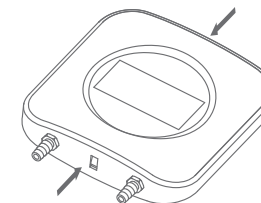
Please make zero before measuring. In measuring status, press **[OK]** key for 2s will make zero, the LCD display will show zero status when succeeded.



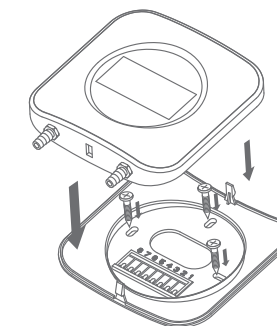
ⓘ Notice: When connecting, please make sure to distinguish positive and negative side.

• Mounting •

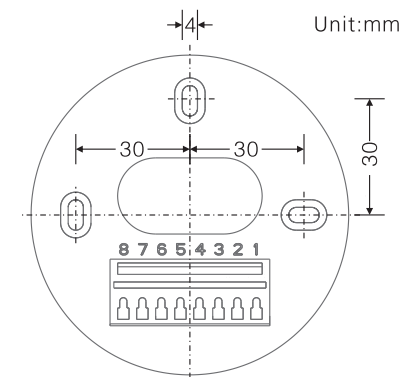
1. Press buckles at the two ends to open the case.



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

© All Rights Reserved ZOGLAB Microsystem Co.,Ltd