ZOGLAB

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DST1100

Differential pressure transmitter

DST1100 differential pressure transmitter with competitive price. User's selectable measuring range. Spot reset function makes maintenance even simpler. Various selectable output interfaces like RS485, voltage, current. DST1100 widely applied to HVAC, clean room, electronic workshop, environmental pollution control, medical instruments, oven pressure booster and hearth wind pressure control, gas network monitoring, well ventilation and power plants wind pressure monitor .,etc.

More info please visit www.zoglab.cn

DST1100

Differential Pressure Transmitter

Specifications

- Measuring resolution high to 1Pa, best accuracy of ±0.5% Measured value ±2Pa
- Customized differential pressure measuring range between -1000 and 1000Pa
- Support on-line linear calibration and zero setting
- Optional analog signal and digital signal
- Digital calibration technology, on-line calibration supported
- Toxicity and halogen free material, complying with different GXP standard

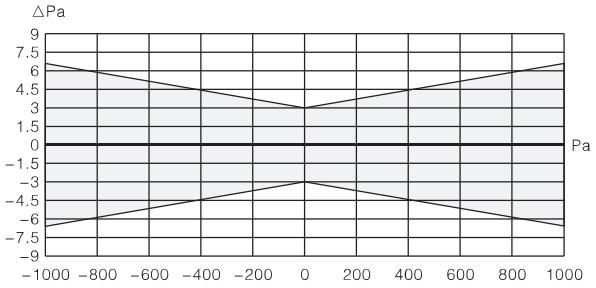
Measuring Data	
DP Measuring range	-100~100Pa, -200~200Pa
	-500~1000Pa, -1000~1000Pa
DP Accuracy	±0.5% Measured value ±2Pa
DP Resolution	1Pa

Sensing Probe	
Sensor model	Silicon piezoresistive sensor

General	
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℃~70℃
	-40℃~85℃(No display)
Storage temperature	-50℃~90℃
Transmitter type	2 wires 4~20mA, Voltage output, RS485
Analog output	4~20mA R_L<(U_V-10)/0.02< 500Ω
	0~10V -1mA<I_L<1mA
	0~5V -1mA<I_L<1mA
	0~1V -1mA<I_L<1mA
Power consumption	≤4mA(24V DC)
Digital output	RS485(Only for DD version)
ESD Protection	±25KV
IP Class	IP50
Certificates	CE、FCC、VCCI、C-TICK

General Features	
Housing	ABS+PC,flame-retardant,toxicity and halogen free
Dimensions	114×100×25.5mm
Weight	91g

Differential Pressure Accuracy



Dimensions (Unit:mm)