

DST digital transmitter

DST1000

DST1100

DST1200



DST1000

Temperature and Humidity Transmitter

Specifications

- Design for airflow velocity and heat transfer rate
- Applied to HVAC and clean room
- High-accuracy,wide-measuring range
- Wide view angle LCD for sharp display
- Analog or digital output with current ,voltage and RS485
- On line calibration-availability



Certificate

Specification

Specification

Measuring Data

T Measuring Range	0°C~50°C,-30°C~70°C,-40°C~60°C
T Accuracy	±0.3°C(23°C±2°C) / full scale ±0.5°C
T Resolution	0.1°C/0.2°F
RH Measuring Range	0%~100%RH
RH Accuracy	±3%RH(10%~85%RH) / ±5%RH(other range)
RH Resolution	0.1%RH

General

Power Supply	4~20mA (0.02 × RL+10V)<Uv<30V DC , 0~1V / 0~5V 10V DC~30V DC 0~10V 15V DC~30V DC
Working Temperature	-30°C~70°C, -40°C~60°C(No display), 0°C~50°C(Best fit)
Working Humidity	0%~100%RH
Storage Temperature	-50°C~90°C
Transmitter Type	2 wire 4~20mA,Voltage output,RS485
Analog Output	4~20mA RL<(Uv-10) / 0.02< 500Ω , 0~10V -1mA<IL<1mA , 0~5V -1mA<IL<1mA 0~1V -1mA<IL<1mA
Power Consumption	≤4mA(24V DC)
Digital Output	RS485(Only for DD version)
ESD Protection	±25KV
IP Class	IP50

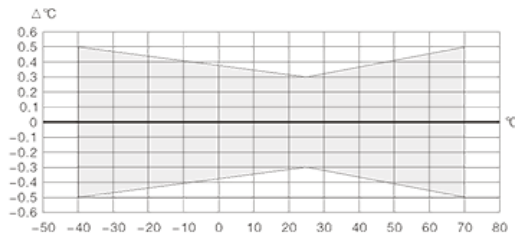
Sensing Probe

T Sensor Model	NTC
RH Sensor Model	Capacitive sensor

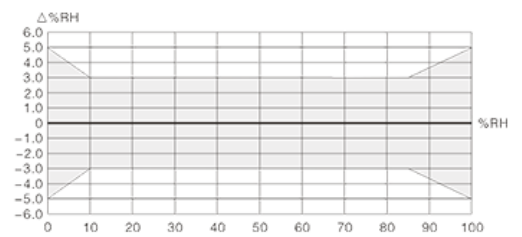
General Feature

Dimensions	100.0×100.0×25.5mm
Housing	ABS+PC,flame-retardant,toxicity and halogen free
Weight	80g

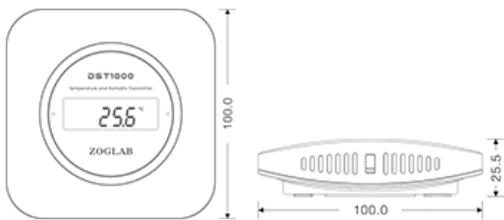
Temperature Accuracy



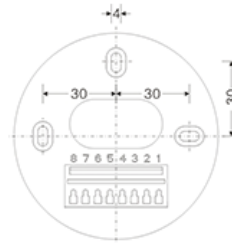
Humidity Accuracy



Dimensions (Unit : mm) :



Wall Dimensions (Unit : mm)



Products

- Environmental Instruments
- Calibration Instruments
- Meteorological Instruments
- Complex Systems

Application

- Pharmaceutical laboratory
- Agriculture Collections
- Food and Tobacco

Service and Training

- Service Center
- Calibration and Repair
- Academic Communication and Training
- Download Center

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