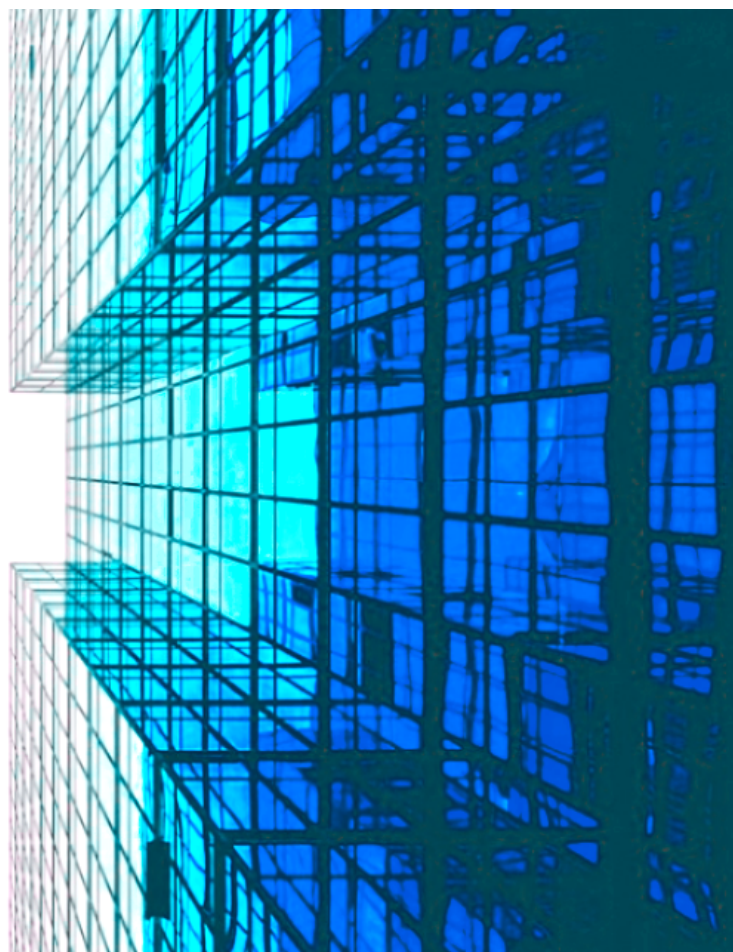




PX-ST TRANSMITTER

2021 CATALOGUE



THE **PX-ST TRANSMITTER** IS A HIGH PERFORMANCE TEMPERATURE SENSOR WHICH HAS LONG TERM STABILITY. IT IS CAPABLE OF MULTIPLE OUTPUTS SELECTION, OVER VOLTAGE AND REVERSE POLARITY PROTECTION. IT HAS A WIDE TEMPERATURE RANGE AND PROVIDES FAST RESPONSE.



GENERAL FEATURES & SPECIFICATIONS



Electrical Features

- Input Voltage: 16~28VAC/ 16~35VDC
- Output Load: $\leq 500\Omega$ (current), $\geq 3K\Omega$ (0~10VDC), $\geq 2K\Omega$ (0~5VDC)
- Output: 4~20mA (2 wires) or 0~10VDC, 0~5VDC
- CE Approval

Environmental Limits

- Storage Temperature: -30° to 70° C
- Operating Temperature: -30° to 70° C
- Operating Humidity: 0% to 95% RH (non-condensed)
- Ambient Atmosphere: Non-combustible, non-corrosive air
- Protection Level: IP65

Model	ST2N ST3N ST4N ST5N			Duct mount temperature transmitter Outside air temperature transmitter Immersion temperature transmitter Remote temperature transmitter
Output		1 2 E		0~10V 4~20mA(2 wires) 0~5V
Range		1 2 3 7		0~50°C 0~100°C -40~60°C others
Probe Length (ST2/4N)		0 1 2 7		75mm 125mm 200mm Others

Sensor

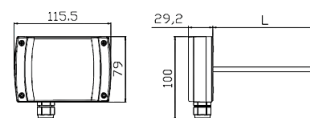
Temperature

- Type: PT1000, Class A
- Range: Refer to table
- Accuracy: $\leq \pm 0.5^\circ\text{C}$ @0~50°C, see accuracy curve
- Medium Temperature (Probe): -40~100°C

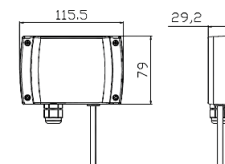
Structure

- Material: ABS housing, SS probe ($\phi 6\text{mm}$), SS Well
- Cable (ST5N): Black, silicone, $2 \times 0.3\text{mm}^2$, 1m length, -60~180°C, Rconductor =0.069 Ω/m , Rinsulation >100M Ω (25°C)
- External Dimension: 120mm (Diameter), 43mm (Thickness)
- Net weight: Approx. 190 to 465g

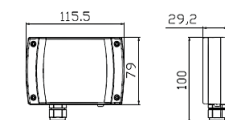
ST2N/ST4N



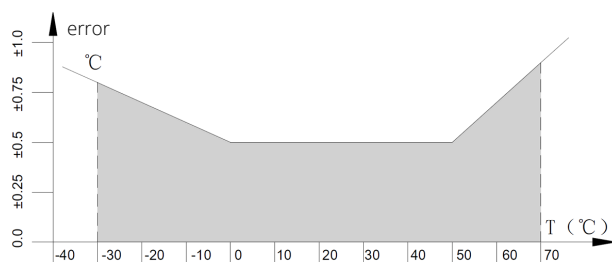
ST3N



ST5N



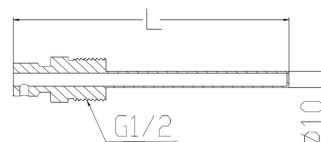
Accuracy Curve:



Accessories

ST4N Stainless Steel Well

- Model: A-T0 (L=75mm)
A-T1 (L=125mm)
A-T2 (L=200mm)



ST2N Install Flange

