

# STB5800 Ink-jet Printer Pressure Sensor

## DESCRIPTION

The STB5800 pressure sensor for ink-jet printers is a custom-designed product specifically engineered for such devices. It withstands corrosion from various inks, features an imported core, and incorporates a fully intelligent processing chip for superior long-term stability. With its compact size and easy installation, it supports customization for various specifications.

## VALUE TO CUSTOMERS

- Unbeatable cost-performance ratio
- Compact design
- High precision and durability
- Wide operating temperature range

- **POTENTIAL APPLICATIONS**
- Air compressor, ink-jet printer
- Constant-pressure water supply
- Hydraulic and Pneumatic Systems
- General industrial control field



## ! WARNING PERSONAL INJURY

DO NOT USE these products as safety or emergency stop devices or in any other application where failure of the product could result in personal injury.

**Failure to comply with these instructions could result in death or serious injury.**

## All potential use in

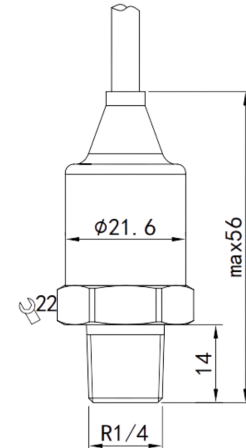
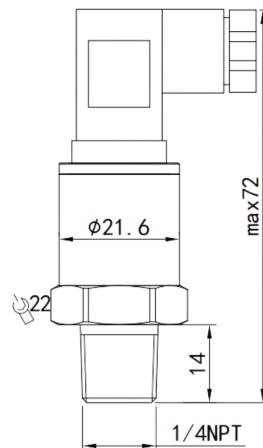
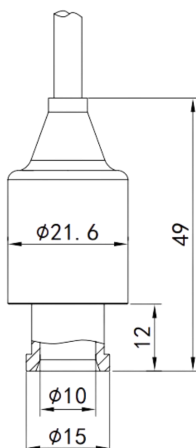
aerospace, medical, transportation, agriculture, refrigeration, and industrial applications. To view the entire product portfolio, click our company's website.

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## PERFORMANCE SPECIFICATIONS

Pressure range	0-5MPa ( Customizable )
Pressure Accuracy	± 0.25%FS、 ± 0.5%FS
Output	4-20mA、 0/1-5/10V、 0.5-4.5V
Excitation	5VDC、 24VDC、 9-30VDC
Load Resistance	Current type: $R = (\text{Supply Voltage} - 8V) / 0.02 \Omega$
Compensated Temp. Range	0-80°C
Operating Temp. Range	-20-100°C
Proof pressure	150%
Burst pressure	200%
Temperature drift	± 0.02%FS/°C
Long term stability	± 0.2%FS/year
Pressure port types	G1/4、 1/4NPT、 R1/4、 G1/8 ( Customizable )
Electrical connector types	M12*1 four-core plug-in、 Waterproof cable ( Customizable )
Liquid-contact material	304 、 316 stainless steel 、 ceramics

## ELECTRICAL CONNECTOR TYPE DIMENSIONS



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