

## Main Specifications

## ▼ Connection

Material: Stainless steel  
G1/2"  
M20\*1.5  
Other thread specifications are available made-to-order

## ▼ Electrical contact

M12 4-pin / 5-pin aviation plug

## ▼ Alarm output

PNPx2 / NPNx2

## ▼ Analog signal output

4-20mA

## ▼ Stem

Material: Stainless  
Standard: 100mm  
Stem length is available made-to-order

## ▼ Applicable media

Liquid that compatible with material of stem

## ▼ Temp. measurement range

-55~850°C

## ▼ Ambient temperature

-20~80°C

## Other Specifications

## ▼ Screen display

4-digit 0.36" LED display  
Display range ▼  
-1999~9999

## ▼ Switch response time

3 sec.

## ▼ Power supply

24VDC

## ▼ Accuracy

±0.5% F.S. (Control accuracy)  
±0.1% F.S. (Display accuracy)

## ▼ Stability

≤0.2%/year

## ▼ Max. power consumption

<1W

## ▼ Contact rating

1.2A (<24V)

## ▼ Switch service life

>1 million times

## ▼ Other requests (Option)

Third party notarized documents

Inspection report

Tag

4-20 mA analog output  
(Only for M12 5-pin and aviation plug)

## Digital Temperature Switch Model: DTS-4ED(0.5) Introduction

DTS-4ED(0.5) digital temperature switch is equipped with two sets of switch output and LED screen display, which integrates temperature measurement, display, and control. DTS-4ED(0.5) adopts high precision sensor. After the output signal is processed by an amplifier, it is sent to the high precision analog-digital converter, which can be converted into the digital signal suitable for the microprocessor. The temperature of the control system is measured and controlled by the digital signal, which is suitable for hydraulic, petroleum, chemical, mechanical and other industrial environments.



Due to the variety of customization, the picture is only for reference, please confirm the actual item with our sales. (If there is any change on specification, please take the latest version as standard.)

## Features

- 4-digit LED number display
- Customized range of temperature -55 to 850°C
- PNP / NPN switching output and 4-20ma analog signal output are available to be customized
- Setting switch NC / NO parameters and glow reminder of node
- With hysteresis switching and output function
- Stem length is available made-to-order

## How to order

DTS-4ED(0.5)		Digital Temperature Switch				
Code		Connection				
4G		G1/2"				
M20		M20*1.5				
O		Others				
Code		Alarm output				
PNP		PNPx2				
NPN		NPNx2				
PNP+A		PNPx2+4~20mA				
NPN+A		NPNx2+4~20mA				
Code		Electrical contact				
A4		M12 4-pin aviation plug				
A5		M12 5-pin aviation plug				
Code		Stem				
Custom		Customized stem length				
Code		Temperature range				
Custom		-55~850°C				
DTS-4ED(0.5)	4G	PNP	A4	80mm	0~150°C	<b>Order example:</b> DTS-4ED(0.5)-4G-PNP-A4-(80mm)-(0~150°C)