Main Specifications	Other Specifications
▼Connection	▼Screen display
Material: Stainless steel	4-digit 0.36″ LED display
G1/2″	Display range▼
M20*1.5	-1999~9999
Other thread specifications are available made-to-order	▼Switch response time
	3 sec.
▼Electrical contact	▼Power supply
M12 4-pin / 5-pin aviation plug	24VDC
▼Alarm output	▼Accuracy
PNPx2 / NPNx2	±0.5% F.S. (Control accuracy)
▼Analog signal output	±0.1% F.S. (Display accuracy)
4-20mA	▼Stability
▼Stem	≤0.2%/year
Material: Stainless	▼Max. power consumption
Standard: 100mm	<1W
Stem length is available made-to-order	▼Contact rating
	1.2A (<24V)
▼Applicable media	▼Switch service life
Liquid that compatible with material of stem	>1 million times
▼Temp. measurement range	▼Other requests (Option)
-55~850℃	Third party notarized documents
▼Ambient temperature	Inspection report
-20~80℃	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.

IP65 | LED

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℃

■ 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℃	
DTS-4ED(0.5)	4G	PNP	A4	80mm	0~150℃	Order example: DTS-4ED(0.5)-4G-PNP-A4-(80mm)-(0~150℃)	