Temperature Transmitter Series WD01

Features

The temperature transmitter is a field instrument with current output; high-performance circuit, using imported temperature resistance chips and imported electronic devices, mainly used in the control and measurement of petroleum, chemical, aviation and various industrial gases and liquids.

Installation requirements

- This instrument is a precision instrument and should be installed in a place with good air circulation, dryness, easy observation, easy maintenance and operation, and no corrosion.
- When installing a digital thermometer,copper or polytetrafluoroethylene sealing gaskets and raw tape should be installed.
- Pay attention to the matching of temperature ranges when using.
- When installing and disassembling, the tool should be located at the hexagon of the pressure gauge joint, and it is strictly forbidden to twist the gauge head by hand.

Specifications

Type	WD01
Measuring Medium	Liquid/Gas(compatible with 316L stainless steel)
Range	0~300℃
Accuracy	± 0.5%(Other Accuracy can be customized)
Overload	200%
Response time	8ms
Working temp.	-20~+150°C,300°C customized

Power supply	DC12~30V(Default 24V)
Output	4~20mA(2-wire)、0~5V(3-wire)、1~5V(3-wire)、0~10V(3-wire)、RS485
IP rating	IP65，IP66，IP67，IP68
Zero Temp. Drift	± 0.2%
Sensitivity Drift	± 0.2%
Insulation	100MΩ/DC 250V

Model Code Selection Table

Part	Number
Selection Type	WD01-01(Hirschman) WD01-02(Display) WD01-03(Directly cable)
Signal Output	S1：4-20mA S2：0-10V S3：0-5V S4：RS485 S5：Hart SX：By Customized
Pressure Range	P1：0~80℃ P2：0~150℃ P3：0~200℃ P4：0~250℃ P5：0~300℃ PX：By Customized
Probe length	L1：100mm L2：200mm L3：300mm L4：400mm LX：By Customized
Cable length	00：Non-Cable 01：Cable 1m 02：Cable 2m X：By customized