

## Digital Display Temperature Transmitter TS-204



### Product Features:

Simple installation, multiple temperature measurement ranges are optional;  
Efficient lightning protection, strong resistance to radio frequency and electromagnetic interference protection;  
Fast response and high precision;  
Good long-term stability, low energy consumption, small size;  
Gas-liquid dual-purpose, any medium compatible with 304 stainless steel.

### Product Description

TS-204 2 Wire 4-20ma Digital Display Temperature Transmitter is composed of a thermal resistance (couple) and a protective metal shell. The temperature transmitter is based on the sensor with a transmission conversion function, and adopts two or three-wire signal output mode, with a nonlinear correction circuit, can directly measure liquid and gas media in industrial processes, easy to install, and a variety of temperature measurement ranges are optional

### Technical Parameters

Range	-50~400°C Note: If the temperature exceeds 120°C, insulation is required
Output signal	4~20mA
Precision	±0.5%FS
Signal line specifications	2Wire
Power supply	15~30VDC
Operating temperature	-40°C~+85°C
Storage temperature	-40°C~+125°C
Long-term stability	≤±0.1%FS/year
Temperature measuring element	PT100, PT1000
Response time	T=50°C 2.3s; T=90°C 5.4s
Withstand voltage	Typical (40bar)
Shell material	304 stainless steel
Media compatibility	Various media compatible with 304 stainless steel
Mounting thread	M20X1.5, G1/4, NPT1/4 or customized
Electrical connections	Hirschmann band display
Degree of protection	IP65