

Main Specifications

▼ **Type**
 ATT-P4 - 2-wire analog output
 ATT-D4 - digital output

▼ **Connection**
 1/4" PT male thread
 1/2" PT male thread
 Option: without thread, swivel nut, special thread are available made-to-order

▼ **Electrical connector**
 ATT-P4 -
 Hirschmann DIN43650
 ATT-D4 - M12 Quick coupling

▼ **Stem**
 Length:
 50 / 100 / 150 / 200 mm
 Other length are available made-to-order
 Thermowell can be customized according to the stem type

▼ **Temperature range**
 -50...200°C

▼ **Applicable fluid**
 Liquid and gas that compatible with stainless steel

▼ **Operating ambient temp.**
 -20 to 80°C

▼ **Storage temperature**
 -40 to 85°C

▼ **Protection level**
 IP65

Other Specifications

▼ **Case**
 SS304

▼ **Power supply**
 10~30VDC

▼ **Output signal**
 ATT-P4 -
 2-wire 4~20mA output
 ATT-D4 - Digital output

▼ **Measuring elements**
 ATT-P4 - Pt100
 ATT-D4 - Pt1000 Class A

▼ **Zero adjustment range**
 ±10%

▼ **Full adjustment range**
 ATT-P4 - ±10%
 ATT-D4 - Computer correction

▼ **Accuracy**
 ±0.5% F.S.

▼ **Load impedance**
 $\leq (\text{Supply voltage}-8\text{V}) / 0.02\text{A}\Omega$

▼ **Power stability**
 $< \pm 0.025\% \text{ F.S. } / \text{V}$

▼ **Temperature drift**
 $< \pm 0.015\% \text{ F.S. } / ^\circ\text{C}$

▼ **Calibration temp.**
 20~28°C

▼ **Response time**
 $\leq 250\text{ms}$

▼ **Other requests (Option)**
 Third party notarized documents
 Inspection report
 Tag
 Install a cooling fin at the case
 Swivel nut connection
 30 / 80 / 130 / 180mm 1/2" PT thermowell
 Install a display head
 (Please refer to ATT-P4-D catalogue)

Temperature Transmitter for Duct Type (2-wire analog output / digital output)

Model: ATT-P4/D4 series

Introduction

ATT-P4/D4 series temperature transmitter adopts stainless steel casing and German imported measuring elements, which can monitor temperature signal transmission and convert the measuring element signal into standard current output 4-20mA or digital signal. It is suitable for measuring gas, liquid, steam pressure and all kinds of corrosive media. It is widely used in food, medicine, petroleum, chemical industry, metallurgy, electric power, machinery, etc.



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.)

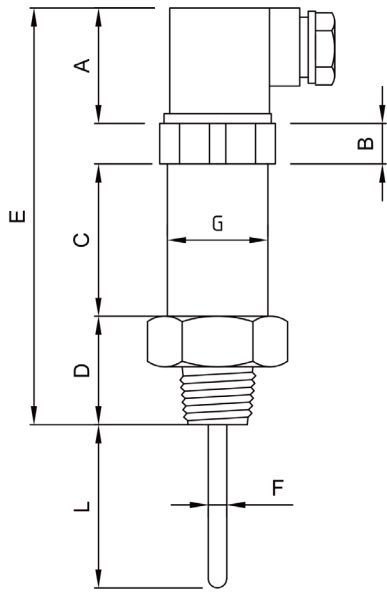
Features

- OEM service
- Analog 4~20mA output / digital output are optional
- Analog 4~20mA output can be non-polar connection, no positive and negative, and has limited current protection
- Case material: SS304
- Integrated anti-condensation and heat dissipation structure design
- High repeatability and good anti-interference ability
- Small size, easy installation, accurate measurement and long-term stability
- Stem thermowell and cooling fin are optional

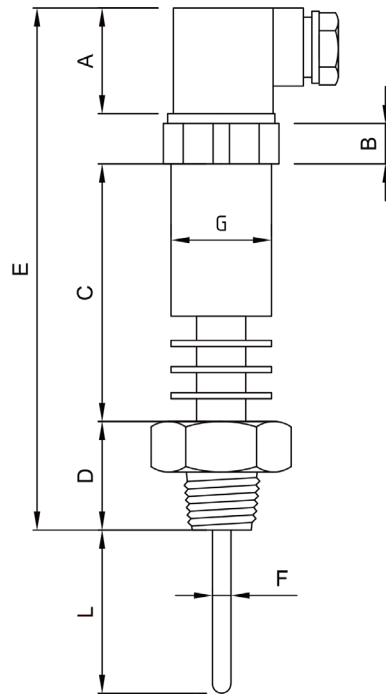


Install a thermowell

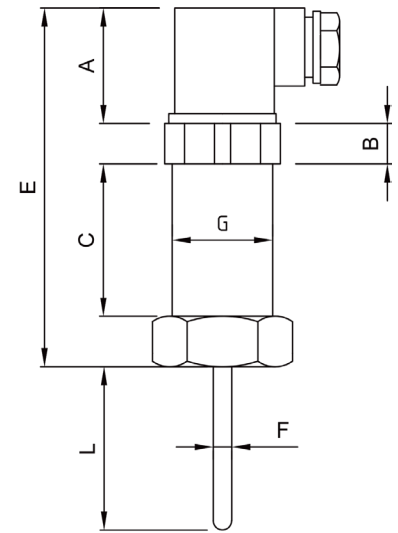
Installation type



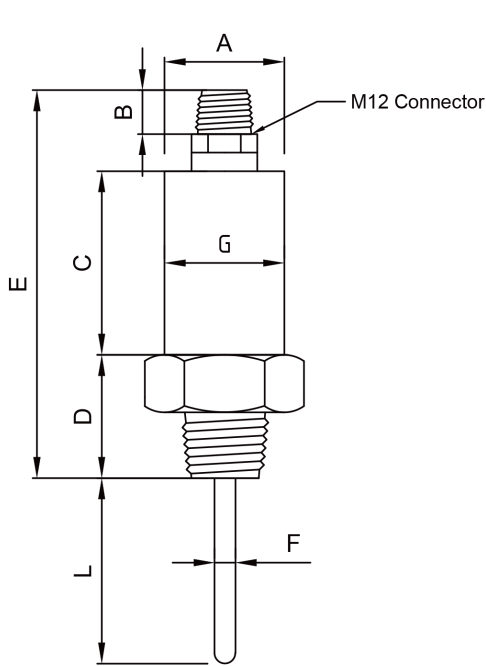
Hirschmann connector



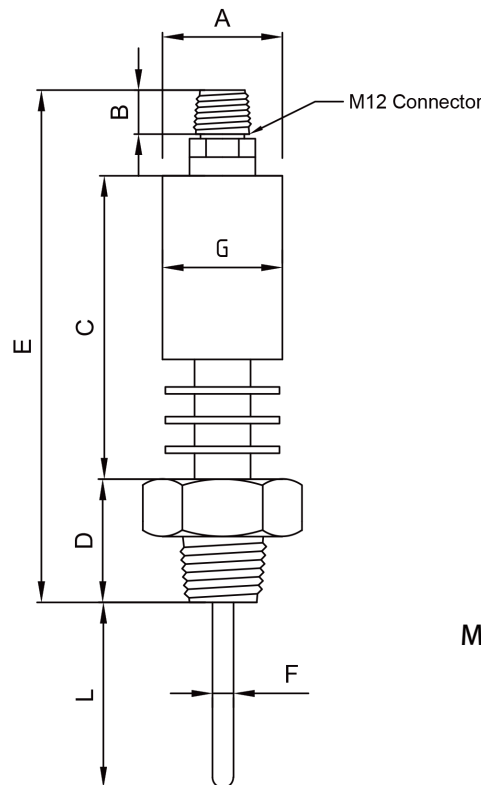
Hirschmann connector + cooling fin



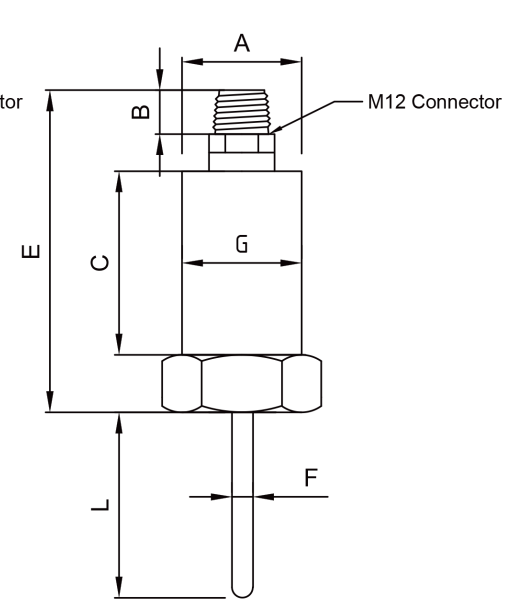
Hirschmann connector (without thread)



M12 Quick coupling



M12 Quick coupling + cooling fin



M12 Quick coupling (without thread)

How to order

ATT series		Temperature Transmitter for Duct Type (2-wire analog output / digital output)			
	Code	Output type			
	P4	2-wire analog output			
	D4	Digital output			
	Code	Connection			
	2P	1/4" PT male thread			
	4P	1/2" PT male thread			
	N	Without thread			
	O	Others			
	Code	Stem length			
	50	50mm			
	100	100mm			
	150	150mm			
	200	200mm			
	O	Other length are available made-to-order			
	Code	Temperature range			
1	-50~+50°C				
2	-50~0°C				
3	0~50°C				
4	0~100°C				
5	0~200°C				
O	Others				
ATT	P4	2P	100	1	Order example: ATT-P4-2P-100-1