

Main specifications	Other Specifications
<p>▼ Process connection</p> <p>M20x1.5 R1/4 M12x1.5 Material: stainless steel Other types are available, please specify your requests</p> <p>▼ Electrical connection</p> <p>Cable outlet (2-wire) Cable outlet (3-wire, standard) Aviation plug Other types are available, please specify your requests</p> <p>▼ Hex nut</p> <p>SW17 / SW19 / SW24</p> <p>▼ Temperature range</p> <p>-50 to 150°C (standard) -50 to 300°C (with cooling fin)</p> <p>▼ Stem Insertion length</p> <p>Min. 10mm, custom length</p> <p>▼ Stem outer diameter</p> <p>Ø4 / Ø5 / Ø6 / Ø8 High temp. type (special): ≥Ø8</p> <p>▼ Protection level</p> <p>IP65 IP68 (option)</p> <p>▼ Explosion-proof (option)</p> <p>Exia II CT6</p>	<p>▼ Case</p> <p>Stainless steel</p> <p>▼ Measuring elements</p> <p>Pt 100, Class A Pt 1000, Class A (option)</p> <p>▼ Accuracy</p> <p>Refer to RTD PT100 Ω accuracy Class A table</p> <p>▼ Temperature response time</p> <p>≤30s</p> <p>▼ Current limit</p> <p>≤5mA</p> <p>▼ Load resistance</p> <p>100MΩ / 250VDC</p> <p>▼ Stability</p> <p>≤0.2% F.S. / year</p> <p>▼ Other requests (Option)</p> <p>Third party notarized documents Inspection report (issued by Re-Atlantis) Tag</p>

Temperature Sensor

Model: ATT-110

Introduction

ATT-110 Temperature sensor adopts high performance and high reliability RTD Pt100. It features compact design with fast response to ambient temperature change. ATT-110 temperature sensor is specially design for air compressor. Its wide range temperature measurement makes ATT-110 suitable for measuring liquid and gas temperature or solid surface temperature in various industrial process application.



RTD PT100 Ω accuracy Class A

Actual temp.	Accuracy	Actual temp.	Accuracy
-50°C	±0.25°C	-40°C	±0.23°C
-30°C	±0.21°C	-20°C	±0.19°C
-10°C	±0.17°C	0°C	±0.15°C
10°C	±0.17°C	20°C	±0.19°C
30°C	±0.21°C	40°C	±0.23°C
50°C	±0.25°C	60°C	±0.27°C
70°C	±0.29°C	80°C	±0.31°C
90°C	±0.33°C	100°C	±0.35°C
110°C	±0.37°C	120°C	±0.39°C
130°C	±0.41°C	140°C	±0.43°C
150°C	±0.45°C	200°C	±0.55°C
250°C	±0.65°C	300°C	±0.75°C



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

- Temperature sensor adopts RTD Pt100 or Pt1000 (option)
- Fast response to ambient temperature change
- Explosion-proof class Exia II CT6
- Lead sheathed wire

How to order

ATT-110		Temperature Sensor					
		Code	Electrical connection				
		Y1	Cable outlet (2-wire)				
		Y2	Cable outlet (3-wire)				
		A	Aviation plug				
		O	Others (please specify)				
		Code	Process connection				
		M1	M20x1.5				
		M2	R1/4				
		M3	M12x1.5				
		O	Others (please specify)				
		Code	Thread length				
		N	10mm				
		O	Others (please specify)				
		Code	Stem outer diameter				
		B1	4mm				
		B2	5mm				
		B3	6mm				
		B4	8mm				
		O	Others (please specify)				
		Code	Stem insertion length				
		Custom	Custom (minimum length 10mm) (Recommend length: 30/70/75/100/150mm)				
		Code	Hex nut				
		C1	SW17				
		C2	SW19				
		C3	SW24				
ATT-110	Y2	M1	N	B3	75mm	C1	Example: ATT-110-Y2-M1-N-B3-75mm-C1