

# Temperature Transmitter (Pt-100)

## Series KWTE

### Temperature Sensors for General Application

The main application for this RTD temperature sensors is pipe, duct and tank engineering. Suitable for low and medium process requirements. It communicates via 4 ... 20 mA or direct sensor output.

- General and high precision accuracy.
- Probe length able to custom as customer requirement.
- Open End Thermowell for faster response from the process temperature.

### Model Selection

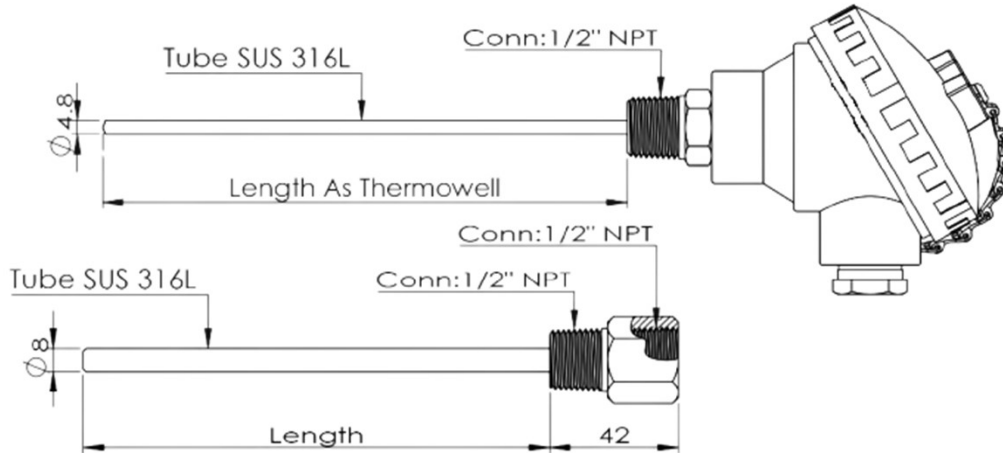
<b>Series</b>	<b>KWTE</b>		
<b>Equipment Type</b>		-S	Sensor
		-T	Transmitter
<b>Sensor Type</b>		P13	RTD Pt100 3-wire
		P14	RTD Pt100 4-wire (Non Transmitter)
<b>Accuracy</b>		1	± 0.1°C at 0 °C ( For Class A ) , IEC 751
		2	± 0.03°C at 0 °C ( For 1/10 DIN ) , IEC 751
<b>Housing/Enclosure</b>		-AL	Aluminium (IP68)
		-NL	Nylon (IP65)
<b>Process Connection</b>		1N	1/4" Male NPT
		2N	3/8" Male NPT
		3N	1/2" Male NPT
		4N	3/4" Male NPT
		5N	1" Male NPT
		C	Custom Thread
		N	None
<b>Probe Length</b>		02	2.5 inch
		04	4 inch
		06	6 inch
		08	8 inch
		10	10 inch
		12	12 inch
		14	14 inch
		16	16 inch
		18	18 inch
		24	24 inch
		C	Custom Length
<b>Thermowell</b>		-TW1	IN : OUT (1/4" NPT F : 1/2" NPT M)
		-TW2	IN : OUT (3/8" NPT F : 1/2" NPT M)
		-TW3	IN : OUT (1/2" NPT F : 1/2" NPT M)
		-TW4	IN : OUT (3/4" NPT F : 1" NPT M)
		-TW5	IN : OUT (1" NPT F : 1" NPT M)
		-TW6	IN : OUT (1/4" NPT F : 1/2" NPT M)
			Open End
		-C	Custom
		-N	None



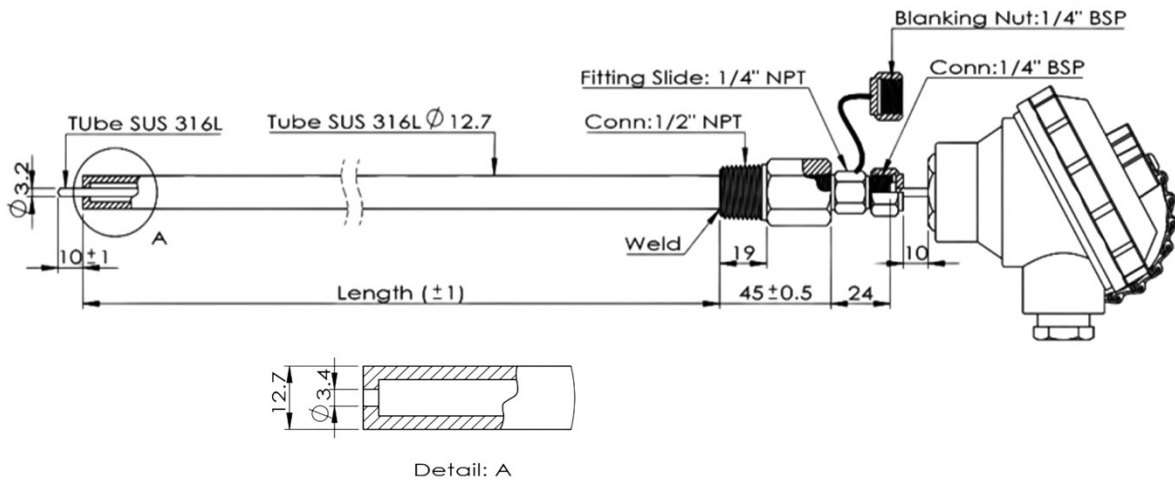
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### Temperature Sensor with Thermowell



### Temperature Sensor with Thermowell Open End



**Aluminium**



**Nylon**

Length (mm.)
2.5" (63.5)
4" (101.6)
6" (152.4)
8" (203.2)
10" (254)
12" (304.8)
14" (355.6)
16" (406.4)
18" (457.2)
24" (609.6)