



【Feature】

RS2 is a screw-in type sheath resistance thermometer, and can be used as a pipe insertion in combination with a protective pipe as well as a duct, tank, etc. Standard threads are pipe taper threads (R) and pipe parallel threads (G), but other types of threads can also be manufactured.

【Common Specifications】

Element : Pt100Ω resistance element

Wiring : 3-wire

Tolerance : Class A

$\pm(0.15+0.002 | t |)$

Class B

$\pm(0.3+0.005 | t |)$

Measuring : 1mA

Current

Number : Single / Double of element

Insulation : 100MΩ or more with 25V

【Special specification (Option)】

◇Internal signal converter (DC4~20mA output)

※Single element only

◇Special thread

◇Sheath bending

【Option】

◇Pull-out protection tube, thread type (WPS) etc.

【Ordering code】

RS2 - - - -

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪

Contents	Code	Specifications
Model	RS2	RTD with Terminal and Thread fitting
① Tolerance	A	Class A Pt100Ω
	B	Class B Pt100Ω
② Temp. range	L	For low temp. range (-196~+100℃)
	M	For middle temp. range (0~+350℃)
	H	For high temp. range (0~+500℃)
③ Number of elements	S	Single element
	D	Double element
④ Connection Head	N	Standard : Die-cast aluminum (Weather proof)
	F	Special : Phenol resin
	T	2-way cable connection : Aluminum casting (Weather proof)
	W	Double cable connection : Aluminum casting (Weather proof)
	K	Small type : Die-cast aluminum (Weather proof)
⑤ Sheath Diameter	E	φ3.2mm (SUS316) ※Single element only
	F	φ4.8mm (SUS316)
	G	φ6.4mm (SUS316)
	H	φ8.0mm (SUS316)
⑥ Nipple	0	None
	5	50mm (φ12mm, SUS304)
	6	100mm (φ12mm, SUS304)
	7	150mm (φ12mm, SUS304)
	8	50mm (φ21.7mm, SUS304)
	9	100mm (φ21.7mm, SUS304)
	10	150mm (φ21.7mm, SUS304)
⑦ Thread type	R	Taper thread
	G	Parallel thread
⑧ Thread size	06	1/8
	08	1/4
	10	3/8
	15	1/2
	20	3/4
	25	1
⑨ Thread material	UB	SUS304
	UC	SUS316
	Z	Please inform other than above
⑩ Immersion Length	<input type="text"/>	Immersion length (mm)
⑪ Special	<input type="text"/>	S

※ Do not bend within 100 mm from the tip because the sheath contains a resistive element.

※ The minimum bending radius should be at least 5 times the sheath outer diameter.

【Dimensions】

