

RS7

Sheath RTD with lead wire, screw-in type



【Features】

RS7 is a screw-in type sheath RTD that can be used for ducts, tanks, etc., as well as pipe insertion in combination with a protective tube. The standard threads are tapered pipe threads (R) and parallel pipe threads (G), but other types of threads are also available.

【Standard Specifications】

Element : Pt100Ω Resistance element
 Wiring : 3-wire
 Tolerance : Class A
 $\pm(0.15+0.002 | t |)^{\circ}\text{C}$
 Class B
 $\pm(0.3+0.005 | t |)^{\circ}\text{C}$

Measuring : 1mA
 Current

Number of : Single, Double
 element

Insulation : 100MΩ or more with 125V
 resistance

【Option】

- ◇ Loose flange (LFL)
- ◇ Compression fitting (CFG)

【Ordering code】

RS7 - - - -

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪ ⑫

Item	Code	Specifications
Model code	RS7	Sheath RTD with lead wire, screw-in type
① Tolerance	A	JIS Class A Pt100Ω
	B	JIS Class B Pt100Ω
	JA	Old JIS Class A JPt100Ω
	JB	Old JIS Class B JPt100Ω
② Temperature range	L	-196~+100°C
	M	0~+350°C
	H	0~+500°C
③ Number of Element	S	Single Element
	D	Double Element
④ Sheath dimensions	E	φ3.2mm (SUS316) ※ Only single element
	F	φ4.8mm (SUS316)
	G	φ6.4mm (SUS316)
	H	φ8.0mm (SUS316)
⑤ Thread type	R	Taper screw thread
	G	Parallel thread
⑥ Thread size	06	1/8
	08	1/4
	10	3/8
	15	1/2
	20	3/4
	25	1
⑦ Thread material	UB	SUS304
	UC	SUS316
	Z	Other than the above
⑧ Immersion Length	□□□	Length below thread (mm)
⑨ Lead wire	VL	Heat resistant Vinyl coating
	HV	Heat-resistant vinyl coating
	SI	Silicone coating
	TF	Teflon coating
⑩ Heat shrink tube	Y	With heat-shrink tube
	X	Without heat-shrink tube
⑪ Lead wire length	□□□	Lead wire length (mm)
⑫ Special	N	Standard

* Since the tip of the sheath contains a resistance element, do not bend it within 100mm from the tip.

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

【Dimensions】

