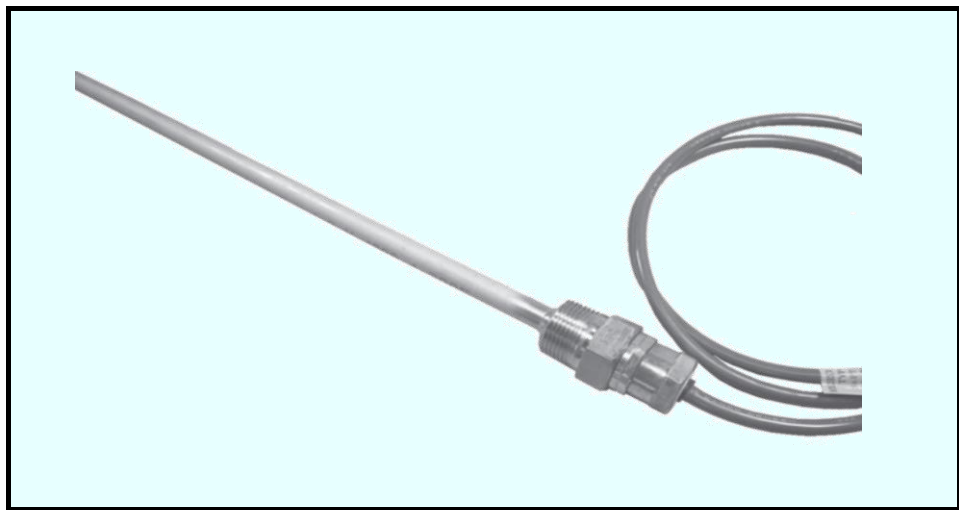


RTD (Resistance Temperature Detectors)

Element exchange type with lead wire

RAC



RAC is a screw-in type resistance temperature detector. Since the element can be replaced without removing the protective tube, it is ideal for measuring the temperature of piping and heat storage tanks.

Features

- ★ Able to replace element without removing the protection tube
- ★ Screw type
- ★ Used at temperature measurement of piping and heat storage tanks

Ordering code

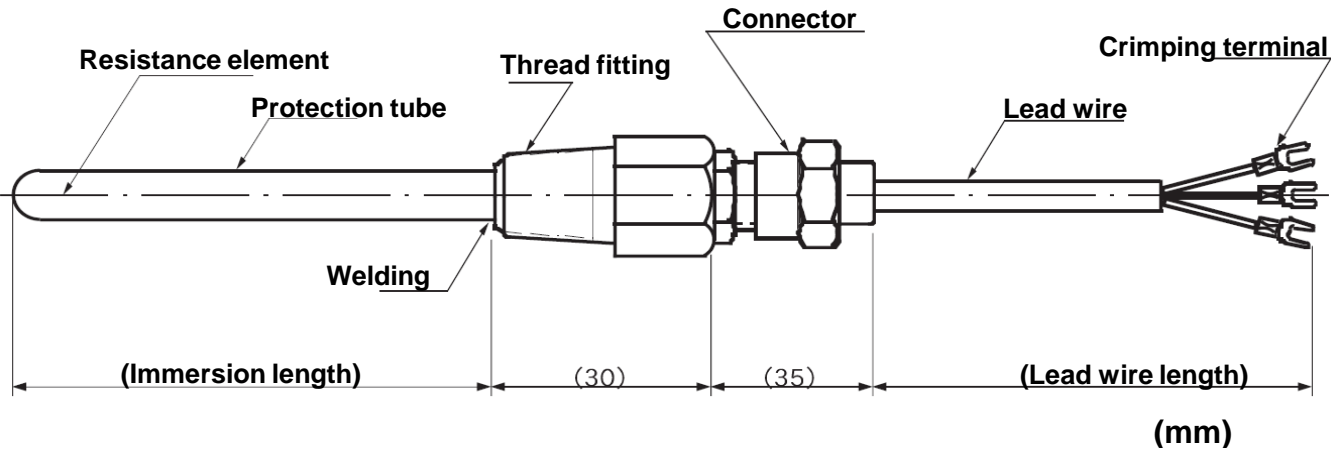
RAC - - - -

Tolerance	Temp. range	Number of Element	Protection tube Diameter	Protection tube Material	Immersion Length	Thread Type	Thread size	Thread Material	Lead wire	Lead wire length	Special	Description	
A												Tolerance	Class A, Pt100Ω
B													Class B, Pt100Ω
	L											Temperature range	0 to +150°C
		S										Number of Element	Single element
		D											Double element *Vinyl coating lead wire only
			12									Protection tube Diameter	φ12mm
			15										φ15mm
			17										φ17.3mm
				UB								Protection tube Material	304 SS (Stainless Steel) (0 to 1000°C)
				UC									316 SS (Stainless Steel) (0 to 1050°C)
				Z1									Please inform us for other than above
					□□□							Immersion Length	Immersion length below thread (mm)
						R						Thread type	Taper thread
							15					Thread size	1/2 (PT, PS) *Please inform for NPT, NPS
							20						3/4 (PT, PS) *Please inform for NPT, NPS
								UB				Thread Material	304 SS (Stainless Steel)
								UC					316 SS (Stainless Steel)
								Z2					Please inform us for other than above
									VL			Lead wire	Vinyl coating
									RU				Rubber cabtyre cable
									Z3				Please inform us for other than above
										□□□		Lead wire length	Lead wire length (mm)
											N		Standard specifications
											S	Special	Special specification for example : 1) High accuracy Pt100Ω element 2) Special Thread (NPT, NPS etc.) 3) etc.

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 current	1mA
Number of element	Single / Double
Insulation resistance	100MΩ or more with 125V

Dimensions



* Specification is subject to change without notice