

# RTD (Resistance Temperature Detectors) with Lead wire and Thread fitting

R07



R07 is a screw type Resistance temperature detector, which can be used for various purposes such as piping, duct, tank etc. Standard screws are taper pipe thread and parallel pipe thread, but other types of screws are also available.

## Features

- ★ With Lead wire and terminal
- ★ Screw type with thread fitting
- ★ Please contact for special specifaions

## Ordering code

R07 -    -      -    -  -

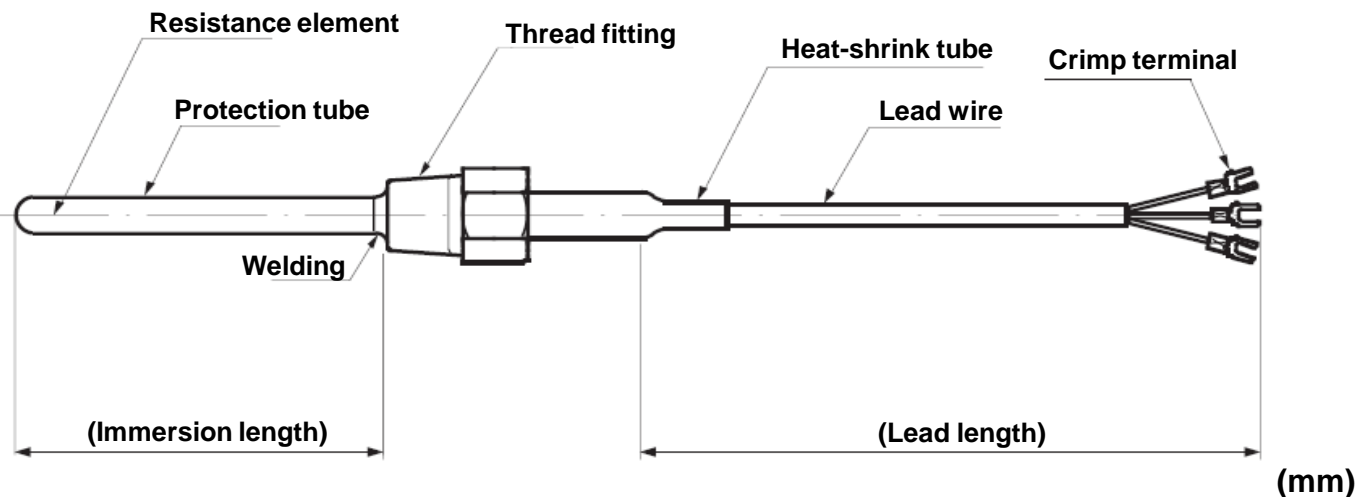
Tolerance	Temp. range	Number of Element	Thread Type	Thread Size	Thread Material	Protection tube Diameter	Protection tube Material	Immersion Length	Lead wire coatings	Heat-shrink tube	Lead Length	Special	Decsription	
A													Tolerance	Class A, Pt100Ω
B														Class B, Pt100Ω
	L												Temperature range	-60 to +180°C
	H													+180 to +600°C
		S											Number of Element	Single element
		D												Double element
			R										Thread type	Taper thread
			G											Parallel thread
				06									Thread size	1/8 (PT, PS)
				08										1/4 (PT, PS)
				10										3/8 (PT, PS)
				15										1/2 (PT, PS)
				20										3/4 (PT, PS)
				25										1 (PT, PS)
					UB								Thread Material	304 SS (Stainless Steel)
					UC									316 SS (Stainless Steel)
					Z1									Please inform us for other than above
						32							Protection tube Diameter	φ3.2mm
						48								φ4.8mm
						64								φ6.4mm
						8								φ8mm
						10								φ10mm
						12								φ12mm
						15								φ15mm
						17								φ17.3mm
						22								φ21.7mm
							UB						Protection tube Material	304 SS (Stainless Steel) (0 to 1000°C)
							UC							316 SS (Stainless Steel) (0 to 1050°C)
							Z2							Please inform us for other than above
								□□□					Immersion Length	Immersion length below thread (mm)
									VL				Lead wire coatings	Vinyl coating
									HV					Heat resistant Vinyl coating
									SI					Silicon coating
									RU					Rubber coating
									TF					Teflon coating
										Y			Heat-shrink tube	With shrink tube
										X				Without shrink tube
											□□□		Lead length	Lead wire length (mm)
												S	Special	Special specification for example : 1) High accuracy Pt100Ω element 2) Special Thread (NPT, NPS etc.) 3) etc.

\*Note : Protection tube is filled with Magnesia [MgO] and cannot change only element.

## 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