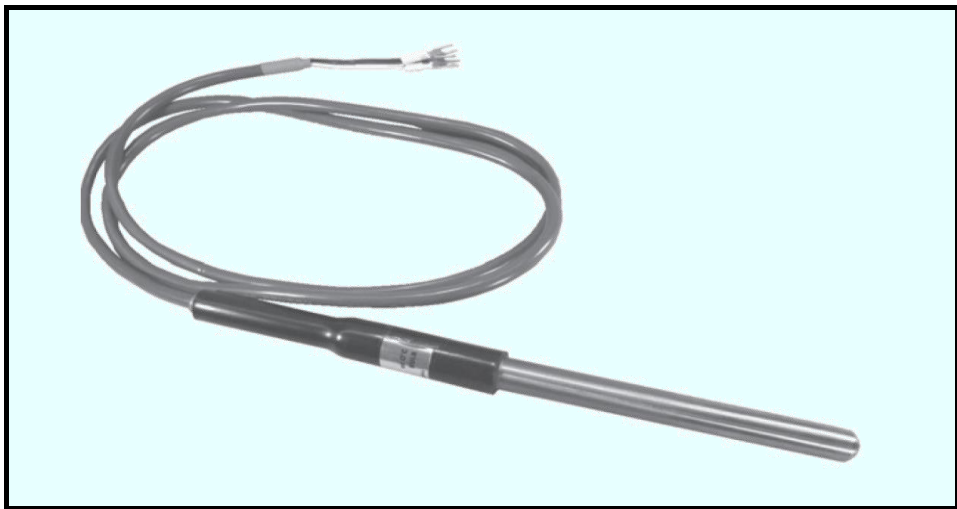


Straight RTD (Resistance Temperature Detectors) with Lead wire

R06



R06 is the simplest type of resistance bulb with lead wire. By combining with loose flange (LFL) and compression fitting (CFG), it can be used for temperature measurement of ducts and tanks as an insertion type with adjustable protection pipe length.

Features

- ★ Simple straight RTD with Lead wire
- ★ Please contact for special specifications

Ordering code

R06 - [] [] [] - [] [] - [] [] [] - [] [] - [] []

Tolerance	Temp. range	Number of Element	Protection tube Diameter	Protection tube Material	Immersion Length	Lead wire coatings	Heat-shrink tube	Lead Length	Special	Description	
A										Tolerance	Class A, Pt100Ω
B											Class B, Pt100Ω
	L									Temperature range ※1	-60 to +180°C
	H										+180 to +600°C *Protection tube φ10 or more
		S								Number of Element	Single element
		D									Double element *When Vinyl / Silicon coating only
			32							Protection tube Diameter	φ3.2mm
			48								φ4.8mm
			64								φ6.4mm
			08								φ8mm
			10								φ10mm
			12								φ12mm
			□□								Please inform us for other than above
				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)
						VL				Lead wire coatings	Vinyl coating
						HV					Heat resistant Vinyl coating
						SI					Silicon coating
						TF					Teflon coating
							Y			Heat-shrink tube	With shrink tube
							X			※2	Without shrink tube
								□□□		Lead length	Lead wire length (mm)
									S	Special	Special specification for example : 1) High accuracy Pt100Ω element (Class S) 2) Protection tube teflon coating 3) etc.

※1: It is the operating temperature range of the protective tube part (temperature sensing part). The heat resistance temperature of part A of the outline drawing is as follows.

Lead wire type	Heat resistance temp. of A part
Vinyl coating	50°C
Heat resistant Vinyl coating	80°C
Silicon coating	80°C
Teflon coating	200°C

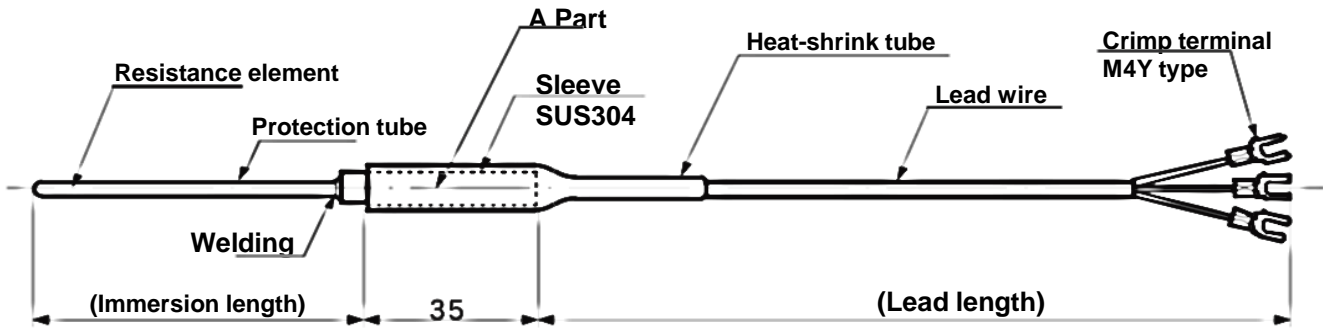
※2: When selecting Teflon and silicone coated lead wire, be sure to select with shrink tube.

Common Specifications

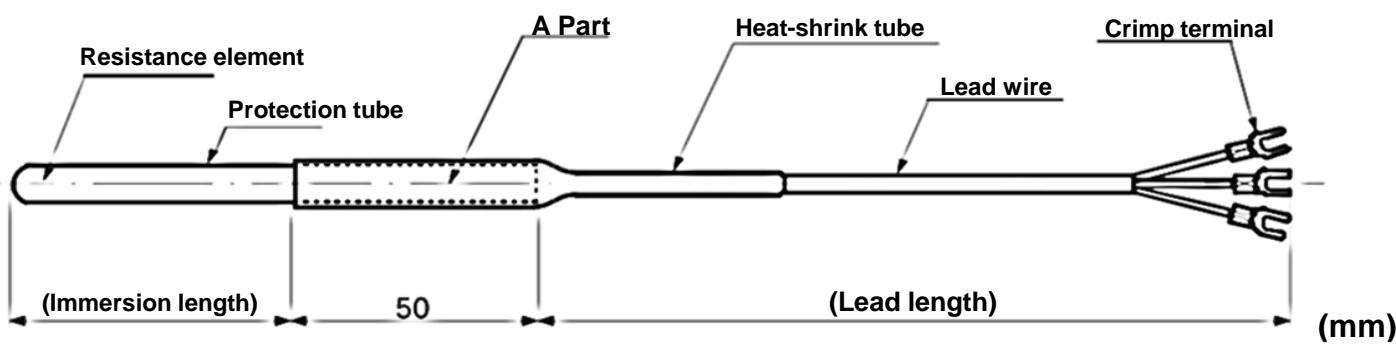
Element	Pt100Ω resistance element
Wiring	3-wire
Tolerance	Class A : $\pm(0.15 + 0.002 t)$ Class B : $\pm(0.3 + 0.005 t)$
Measuring current	1mA
Number of element	Single / Double
Insulation resistance	100MΩ or more with 125V

Dimensions

■ In case Protection tube diameter φ3.2 / φ4.8 / φ6.4mm



■ In case Protection tube diameter φ8 / φ10 / φ12mm



* Specification is subject to change without notice