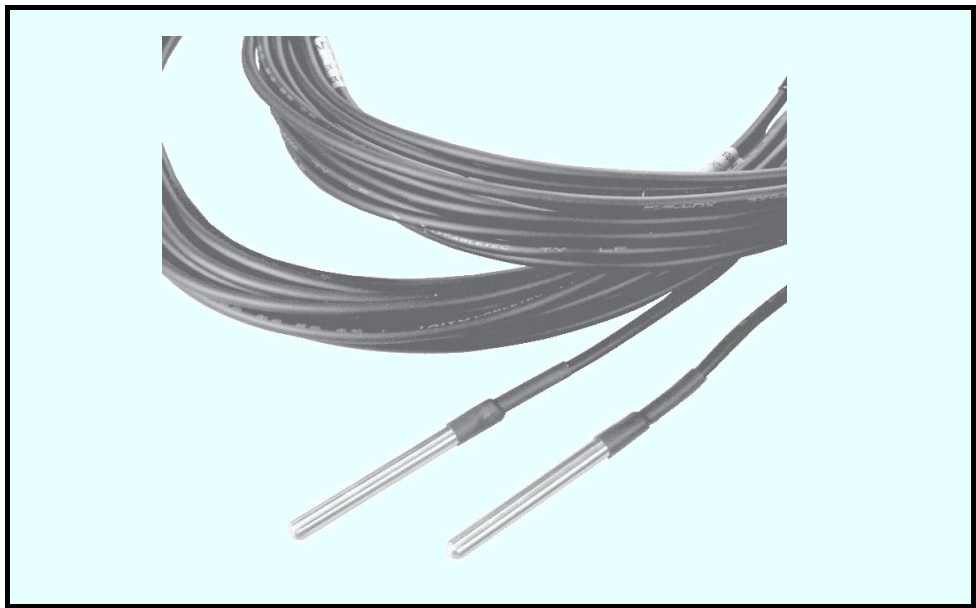


# RTD (Resistance Temperature Detectors)

## Compact RTD for surface temperature measuring

RLS



RLS is a compact temperature-measuring resistive element that can be widely used, such as measurement of pipe surface temperature and temperature measurement of piping fluid in combination with protective pipe.  
Since it is a product with excellent cost performance, please contact us separately if the amount used is large.

### Ordering code

RLS - B S - UB - -

Tolerance	Temp. range	Number of element	Number of Element	Protection tube material	Lead length	Wire length	Special	Description	
B								Tolerance	Class B, Pt100Ω
	L							Temperature range	0 to +100°C
	M								-20 to +180°C
		S						Number of element	Single element
			50					Protection tube size	φ5.0x50mm (For 0 to +100°C range only)
			64						φ6.4x50mm (For -20 to +180°C range only)
				UB				Protection tube material	304 SS (Stainless Steel)
					HV			Lead length	Heat resistant Vinyl coating
					SI				Silicon coating
						□□□		Lead length	Wire length (mm)
							N	Special	Standard specification
							S		Special specification

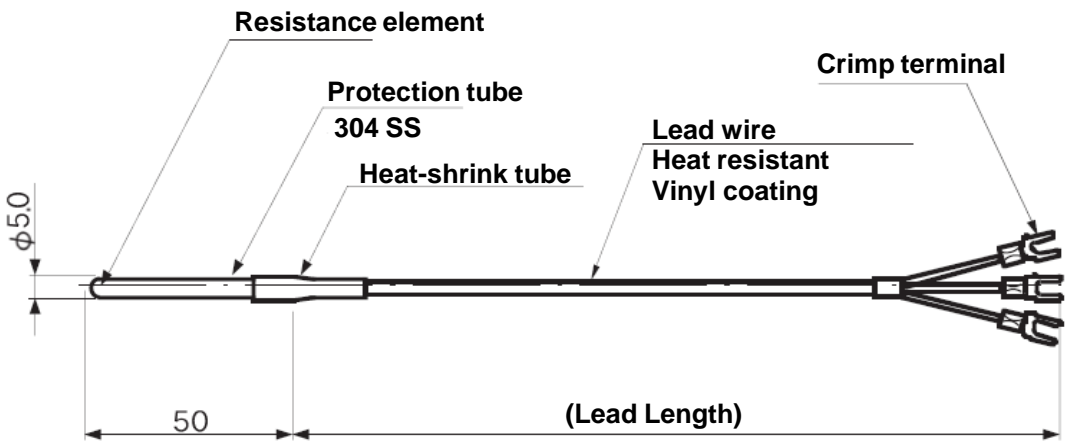
\*Note : Cannot use in the water  
\*Note : When using it for measuring the temperature of the piping surface, be sure to fix the sensor part firmly so that the measurement position does not shift.

### Common Specifications

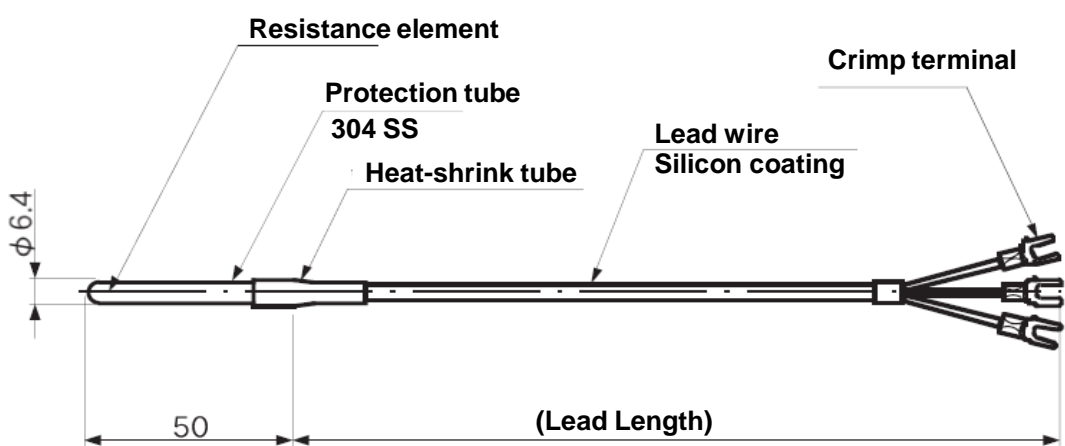
Element	Pt100Ω resistance element
Wiring	3-wire
Tolerance	Class B : $\pm(0.3 + 0.005   t  )$
Measuring current	1mA
Number of element	Single
Insulation resistance	100MΩ or more with 125V

### Dimensions

【RLS—BLS—50UBHV— (L)】



【RLS—BMS—64UBSI— (L)】



\* Specification is subject to change without notice