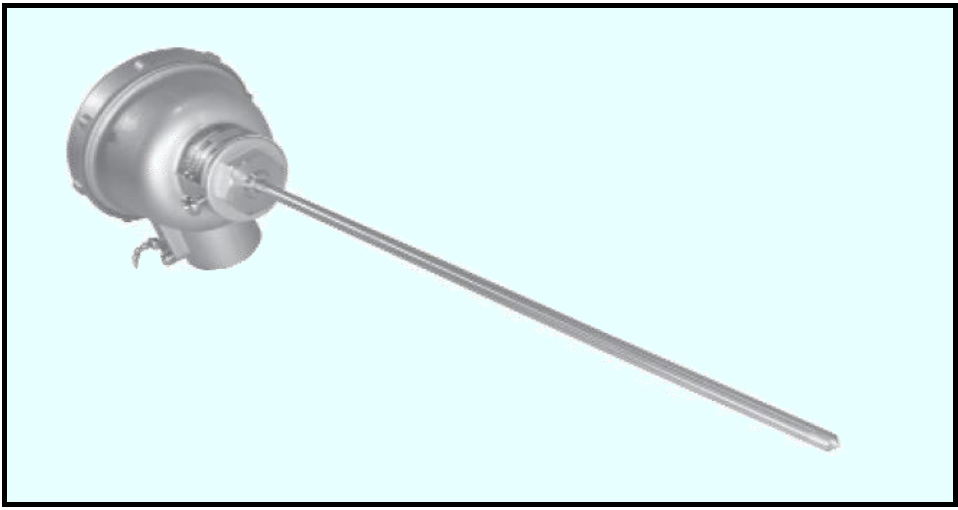


Sheath Thermocouple Straight Type with Terminal

TS1



TS1 is the simplest shape Sheath thermocouple with a terminal box. By combining loose flanges (LFL) and compression fittings (CFG), it can be used for temperature measurement as an insert type that allows adjustment of the protection tube length.

Features

- ★ With Connection head and terminal
- ★ Simple straight type
- ★ Please contact for special specifications

Ordering code

TS1 - [] - [] - [] - [] - [] - []

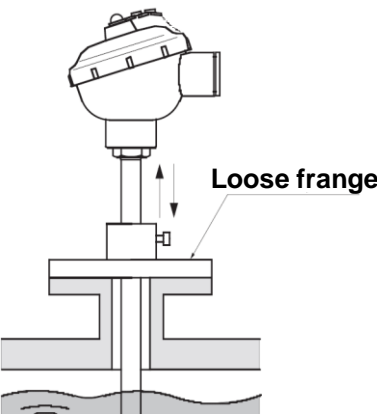
Tolerance	Thermocouple type	Number of Element	Connection Head	Sheath Diameter	Immersion Length	Special	Description	
1							Tolerance	JIS Class 1
2								JIS Class 2
3								ANSI SPECIAL
4								ANSI STANDARD
	T						Thermocouple type	Type T (Copper/Constantan)
	J							Type J (Iron/Constantan)
	E							Type E (Nickel-Chromium/Constantan)
	K							Type K (Nickel-Chromium / Nickel-Alumel)
		S					Number of Element	Single element
		D						Double element
			N				Connection Head	Standard : Die-cast aluminum (Weather proof)
			F					Special : Phenol resin
			T					2-way cable connection : Aluminum casting (Weather proof)
			W					Double cable connection : Aluminum casting (Weather proof)
			K					Small type : Die-cast aluminum (Weather proof)
				A			Sheath Diameter	φ1.0mm (SUS316) *Single element only
				B				φ1.6mm (SUS316) *Single element only
				C				φ2.3mm (SUS316)
				E				φ3.2mm (SUS316)
				F				φ4.8mm (SUS316)
				G				φ6.4mm (SUS316)
				H				φ8mm (SUS316)
					□□□		Immersion Length	Immersion length below terminal box (mm)
						S	Special	Special specification for example : 1) Internal Signal converter (4 to 20mA output) for single element 2) Teflon coating protection tube 3) etc.

*Note 1 : Please contact us for special specifications or options.
*Note 3 : Temperature range depends on the TC type / diameter.

Common Specifications

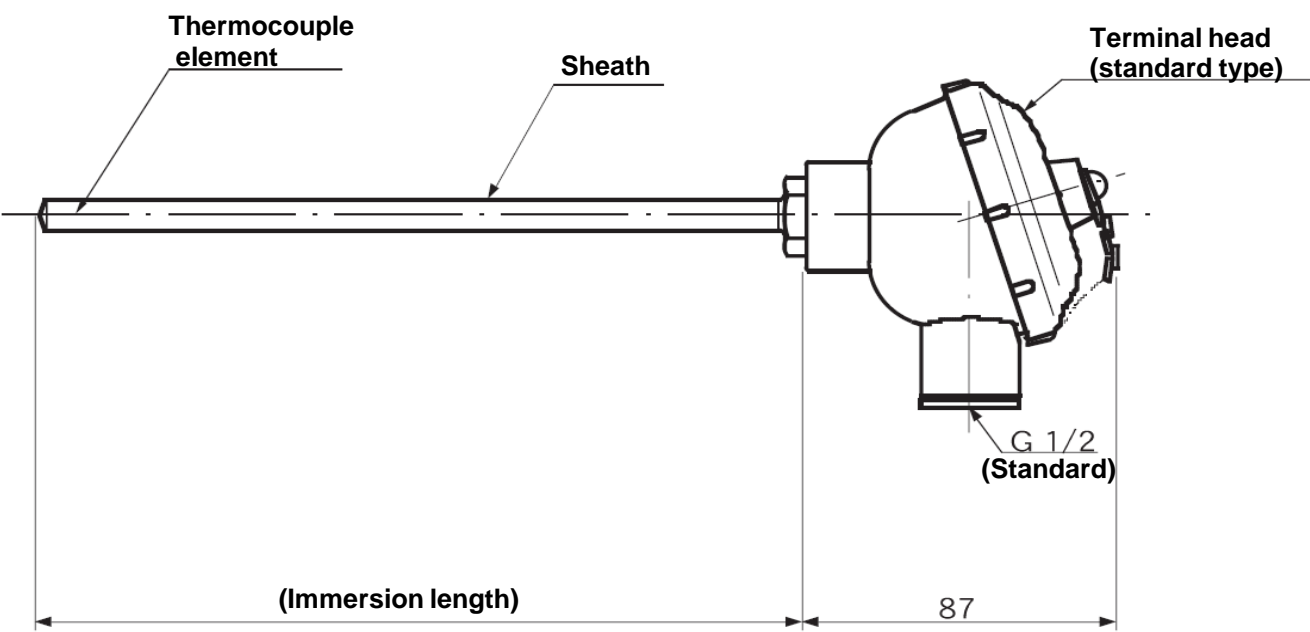
Thermocouple type	T, J, E, K
Tolerance	Class 1, Class 2
Number of element	Single / Double
Measuring junction	Non-grounding (Standard)
Insulation resistance	20MΩ or more with 100V at φ2.0 or less 100MΩ or more with 500V at φ2.3 or less

Applications



When changing the depth of the measurement position experimentally, when adjusting the depth at the site etc, use it in combination with an optional loose flange etc. However, the loose flange and loose thread do not have airtightness. Also, compression fitting has airtightness to some extent, but please be careful, once you tighten it, you can not change the position.

Dimensions



* Specification is subject to change without notice