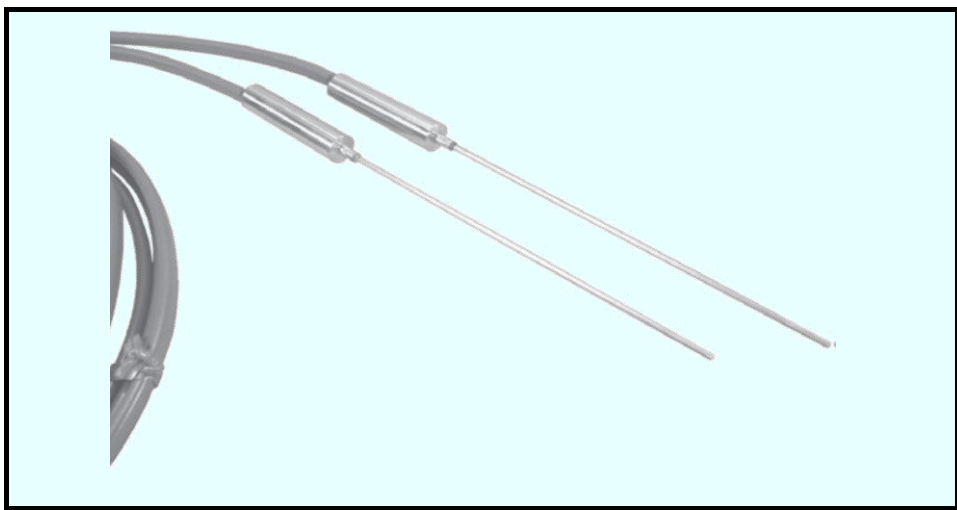


Sheath Thermocouple Straight Type with Compensation wire

TS4



TS4 is a sheathed thermocouple with a compensating wire, which is a versatile product such as measurement of mold temperature and surface temperature.

Features

- ★ Sheath thermocouple with Compensation wire
- ★ Straight type
- ★ Please contact for special specificaions

Ordering code

TS4 - - - -

Tolerance	Thermocouple type	Number of Element	Sheath Diameter	Immersion Length	Compensation wire	Immersion Length	Special	Decsription	
1								Tolerance	IEC Class 1
2									IEC 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
			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)
				2000				Immersion Length	Immersion length below sleeve (mm)
					G			Compensation wire	Vinyl coating
					H				Glass coating
					Z				Please inform us for other than above
						1000		Wire length	Compensation wire length (mm)
							S	Special	Special specification for example : 1) Teflon coating protection tube 2) Sheath bending 3) Sheath Material NCF600 (Inconel) 4) Loose flange 5) Compression fitting 6) Connector (Ktype) etc

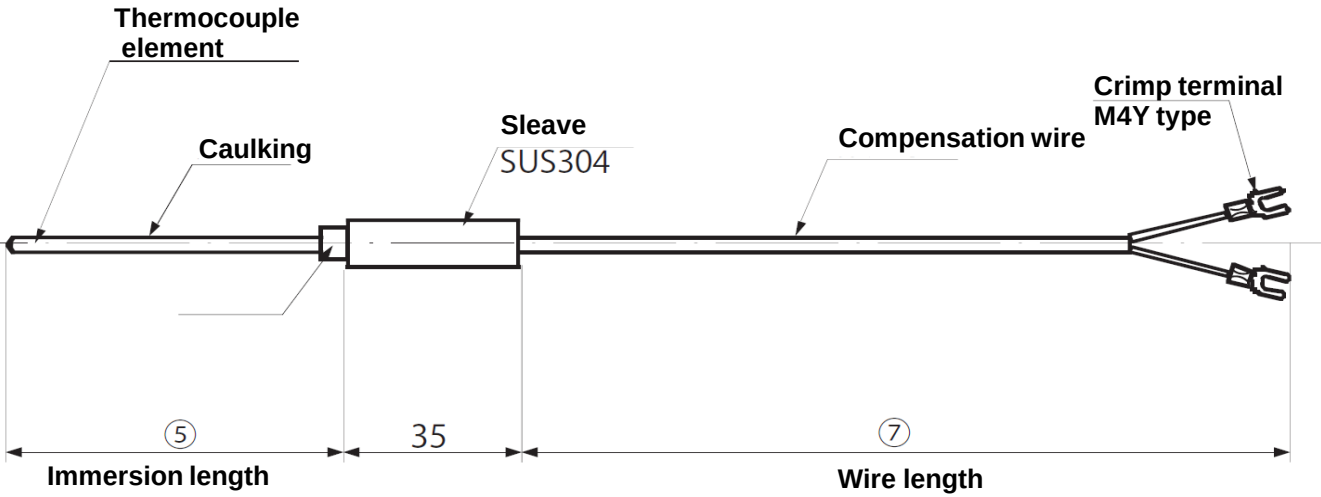
*Note 1 : Please contact us for special specifications or options.
*Note 2 : Operating temperature depends on element type and sheath diameter.
*Note 3 : Operation temperature of compensation wire is as below.

Coating material	Max. operating temp.	Min. operating temp.
Heat-resistant Vinyl	90°C	-20°C
Glass Braid	150°C	0°C

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 (φ2.0 or less) 100MΩ or more with 500V (φ2.3 or more)

Dimensions



* Specification is subject to change without notice