

Be sure to refer to "Precautions for Use" in the Temperature Sensor Overview on P1653.

Flange

RoHS 10

Type		Type of Temperature Sensor
Lead Wire Fixed	Lead Wire Configurable	
TCKF	TCKFF	K Thermocouple
TCPF	-	Temperature Measuring Resistor (Pt100Ω)

TCKF, TCKFF (K Thermocouple)

Terminal Selection
N (No Crimp Terminal)
M (With Round Crimp Terminal)
Y (With Crimp Spade)

Features: It is a Flanged Compact Type having the flange soldered to itself and easy to attach to a device.

TCKF, TCKFF

Type of Thermocouple	K Thermocouple
Precision	JIS Class 2
Temperature Measurement Contact Point	Isolated Neutral Type
Temperature Measurement Range	0 ~ 250°C
Material	Protection Tubes SUS304
Flange	SUS304
Heat Resistance Temperature of Silicon Tube	150°C
Lead Wire (Operating Temp. Range)	Glass Wool Coating (0~150°C)

TCPF (Temperature Measuring Resistor Pt100Ω)

Terminal Selection
N (No Crimp Terminal)
M (With Round Crimp Terminal)
Y (With Crimp Spade)

TCPF

Type of Device	Pt100Ω
Precision	JIS Class B
Lead Type	3-lead Type
Temperature Measurement Range	-50 ~ 250°C
Material	Protection Tubes SUS304
Flange	SUS304
Heat Resistance Temperature of Silicon Tube	150°C
Lead Wire (Operating Temp. Range)	fluoropolymer coating (-50~150°C)

Lead Wire Fixed Type

Part Number Type	D	L Fixed	F Fixed (Unit: m)	Type of Terminal	Unit Price	
					TCKF	TCPF
(K Thermocouple) TCKF (Temperature Measuring Resistor) TCPF	3.2	65	2	Y (M4 Crimp Spade)		

Lead Wire Configurable Type

Part Number Type	D	L Fixed	F 0.1m Increment	Terminal	Sensor Body Price					Additional Terminal Price (Body Price +)		
					TCKFF					N	M	Y
					F0.3~1.0	F1.1~2.0	F2.1~3.0	F3.1~4.0	F4.1~5.0			
(K Thermocouple) TCKFF	3.2	65	0.3~5.0	N M Y								

Sheath Type for Moving Parts

RoHS 10

MFSK (K Thermocouple)

Features: Highly flexible silicon covered lead wire is usable in bending applications. (Avoid excessive bending.)

MFSK

Type of Thermocouple	K Thermocouple
Precision	JIS Class 2
Temperature Measurement Contact Point	Isolated Neutral Type
Temperature Measurement Range	0 ~ 650°C
Temperature Measurement Range	0 ~ 750°C
Material	Sheath SUS316
Sleeve	SUS304
Heat Resistance Temperature of Sleeve	80°C
Lead Wire (Operating Temp. Range)	Silicon Coating (0~150°C)
Lead Wire Minimum Bending R	20

Part Number Type	D	L Selection	Unit Price		
			L50	L100	L150
MFSK	1.6	50 100 150			
	3.2				

Ordering Example

Part Number - L - F - Terminal

TCKC3.2 - 100

TCKTF3.2 - 65 - F2.5 - M

TCPF3.2 - 65

MFSK3.2 - 100