

Sheathed Thermocouples, Compensation Lead Wires

K Thermocouple Connectors, Bimetal Thermostats

Sheathed Thermocouples

MSEN (K Thermocouple)

In the cut state at the time of shipment.

(K Thermocouple)

Operating Temperature Range: 20°C ~ 200°C
 • The tip of sheathed thermocouples MSEN is welded.

Material
 Sheath, Insulator: Glass Wool

RoHS 10

Part Number	Type	Dia. of Element Wire d	L 1mm Increment	Unit Price							
				MSEN		L200~1000		L1001~2000		L2001~3000	
MSEN		0.32	200~3000								

Ordering Example
 Part Number - L
MSEN0.32 - 500

Features

- Since the temperature measuring point is exposed, the reaction speed is faster than that of the sheathed type.
- Temperature measurement can be conducted based on the above measuring point of the tested object.

Temperature Measuring Point

Before using MSEN, expose alumel and chromel and twist/weld them to create the temperature measuring point.

K Thermocouple Connectors

MSNDC

Operating Temperature Range: 0°C ~ 130°C

Material
 Case: PP (Polypropylene)

Part Number	Unit Price
MSNDC	
Type	No.
	8
	12.7

Ordering Example
 Part Number
MSNDC12.7

Features

The compensation lead wires can easily be attached and detached by connecting them with plug and jack of the connector respectively.

*No.8 and No.12.7 are same except for the size.

- How to Use**
- 1 Peel off the sheath of compensation lead wires. (Approx. 7mm)
 - 2 Loosen the screw on connector by the screwdriver, and remove the cover.
 - 3 Loosen the screw in the connector and connect the + (Red) and - (White) of compensation lead wires to the + and - terminals of the connector, respectively.
 - 4 Confirm the screws are securely tightened, then install the cover.

Compensation Lead Wires

DSEN

Operating Temperature Range: 0°C ~ 150°C
 • In the cut state at the time of shipment.

Material
 Sheath, Insulator: Glass Wool
 +Side Element Wire: Iron
 -Side Element Wire: Alloy containing copper and nickel as main components

RoHS 10

Part Number	Type	Dia. of Element Wire d	L 0.1m Increment	Unit Price		
				L1.0~3.9	L4.0~6.9	L7.0~10.0
DSEN		0.32	1.0~10.0			

Ordering Example
 Part Number - L
DSEN0.32 - 2.5

Features

- It can be used as a lead wire of sheathed thermocouples.

Also can be used to extend temperature sensor (K thermocouple) on P1654~1663.