Sheathed Thermocouples / Compensation Lead Wires

K Thermocouple Connectors / Bimetal Thermostats

MSNDC (Plug)

(No. 8)

11.8

* No.8 and No.12.7 are same other than size.

Part Number

MSNDC12.7

Part Number

Example

327

Features

connector respectively.

Part Number

No.

80

100

120

140

160

180

200

80±5

100±5

120±6

140 + 6

160 + 6

180±8

200±10

65±8

80±8

100±10

120 + 15

135±15

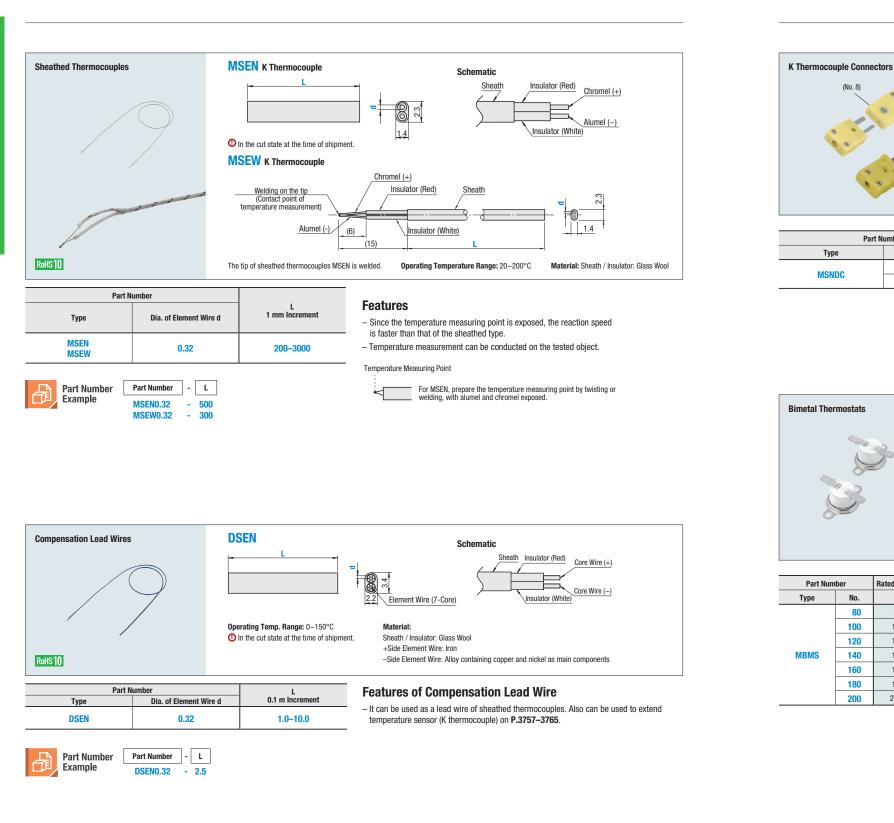
140±15

160±20

No.

8

12.7

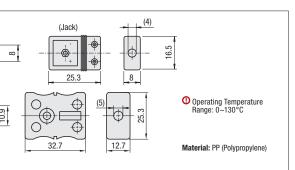


MBMS 31 24.5 2-02 4.8 Features Rated Operating Temperature (°C) 0FF ON - Bimetal of automatic return type.

- Energizes (NC) when power is turned on and contact point shuts off when it reaches the operation temperature rate (OFF) and electricity is turned off. Automatically recovers when below the rated operating temperature.

ð	Part Number Example	Part Number
		MBMS080

MiSUMi 3766

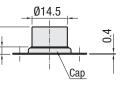


The compensation lead wires can easily be attached and detached by connecting them with plug and jack of the

How to Use

- (1) Peel off the sheath of compensation lead wires. (Approx. 7 mm)
- (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 respectively.
- (4) Confirm the screws are securely tightened, then install the cover.

Material: Heater: Ceramic (Steatite Type) Cap: Aluminum Allov Bimetal: Disk Bimetal



Structure

Principle of Operation: Bimetal Non-energizing Type Single Pole Single Throw Operating Temperature One Point Fixed Type

Operating Method: OFF when temperature rises, and ON when temperature drops

Electric Rating: Resistance Load AC125V/10A AC250V/5.0A (Minimum Current: 0.1 A)

Contact Resistance: 50 m Ω or less according to minute current ohmmeter (DC6V/0.1A) (Initial Value)

Insulation Resistance: 100 M Ω or more in DC500 V mega in the charge part and non-charge part

Insulation Resistance: AC1500 V/min or AC1800 V/sec in the charge part and non-charge part (Leakage current: 10mA)

ON/OFF Life Span Test: The thermal ON/OFF operation is done 10,000 times at the load of rated current and voltage. Insulation Resistance: 50 M Ω ; Contact resistance: 100 m Ω or less