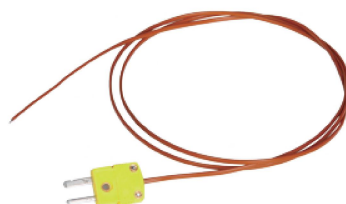


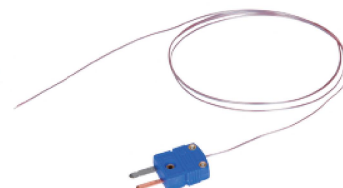
TEFLON THERMOCOUPLES

CODE 0702-□□□

- Waterproof and oil-proof, corrosion-resistant and wear-resistant
- Small-diameter exposed solder joints, suitable for installation in narrow spaces and enabling rapid temperature response

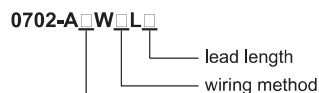


0702-A1W1L2



0702-A7W1L2

Code explanation:



thermocouple type and american wire gauge (AWG)

Part No. example:

0702-A1W1L2	A1-thermocouple type: K, AWG: 24
	W1-wiring method: plug
	L2-lead length: 1m

SPECIFICATION

Insulating layer material	teflon			
Thermocouple type	K	J	T	E
Thermocouple wire material	Ni-Cr vs Ni-Al	Fe vs Cu-Ni	Cu vs Cu-Ni	Ni-Cr vs Cu-Ni
Measuring range	-40°C~260°C	-40°C~260°C	-200°C~260°C	-40°C~260°C
Accuracy	±1.5°C	±1.5°C	±0.5°C or 0.004· t	±1.5°C

THERMOCOUPLE TYPE AND AMERICAN WIRE GAUGE (AWG)

A1	thermocouple type: K	AWG: 24 (diameter: 0.5mm)	Outer Diameter dimension: 1.4×2.4mm)
A2	thermocouple type: K	AWG: 30 (diameter: 0.255mm)	Outer Diameter dimension: 0.6×1.0mm)
A3	thermocouple type: K	AWG: 36 (diameter: 0.127mm)	Outer Diameter dimension: 0.5×0.8mm)
A4	thermocouple type: K	AWG: 40 (diameter: 0.08mm)	Outer Diameter dimension: 0.4×0.7mm)
A5	thermocouple type: K	AWG: 44 (diameter: 0.05mm)	Outer Diameter dimension: 0.2×0.35mm)
A6	thermocouple type: T	AWG: 24 (diameter: 0.5mm)	Outer Diameter dimension: 1.4×2.4mm)
A7	thermocouple type: T	AWG: 30 (diameter: 0.255mm)	Outer Diameter dimension: 0.6×1.0mm)
A8	thermocouple type: T	AWG: 36 (diameter: 0.127mm)	Outer Diameter dimension: 0.5×0.8mm)
A9	thermocouple type: T	AWG: 40 (diameter: 0.08mm)	Outer Diameter dimension: 0.4×0.7mm)
A10	thermocouple type: J	AWG: 24 (diameter: 0.5mm)	Outer Diameter dimension: 1.4×2.4mm)
A11	thermocouple type: J	AWG: 30 (diameter: 0.255mm)	Outer Diameter dimension: 0.6×1.0mm)
A12	thermocouple type: J	AWG: 36 (diameter: 0.127mm)	Outer Diameter dimension: 0.5×0.8mm)
A13	thermocouple type: E	AWG: 24 (diameter: 0.5mm)	Outer Diameter dimension: 1.4×2.4mm)
A14	thermocouple type: E	AWG: 30 (diameter: 0.255mm)	Outer Diameter dimension: 0.6×1.0mm)
A15	thermocouple type: E	AWG: 36 (diameter: 0.127mm)	Outer Diameter dimension: 0.5×0.8mm)

WIRING METHOD

W1	plug
W2	pin
W3	terminal
W4	bare wire

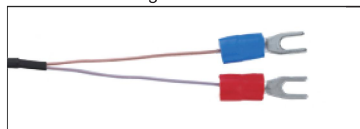
wiring method: W1



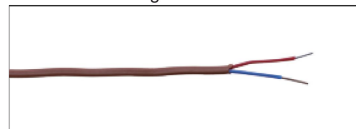
wiring method: W2



wiring method: W3



wiring method: W4



LEAD LENGTH

L1	0.5m
L2	1m
L3	2m
L4	3m
L5	5m