



A ONE UNION (M) SDN BHD (1004072-A)

No. 42-M, Jalan Kuchai Maju 11, Kuchai Entrepreneur Park, Jalan Kuchai Lama,
58200 Kuala Lumpur, Malaysia.

Tel : +603 7980 8940 Fax: +603 7983 8943 <http://oneunion.com.my>

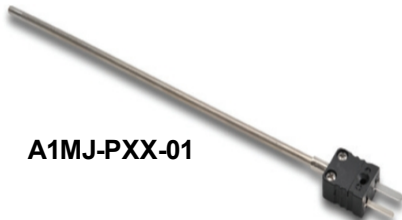


Cert No. 07780

THERMOCOUPLE & SCR CONTROLLER
SPECIALITY MANUFACTURER
INDUSTRIAL ALLOYS,
FURNACE MATERIALS,
INSTRUMENT & EQUIPMENT

Thermocouple Probe with Attached Plug

A1MJ-PXX-01



A1MK-PXX-01



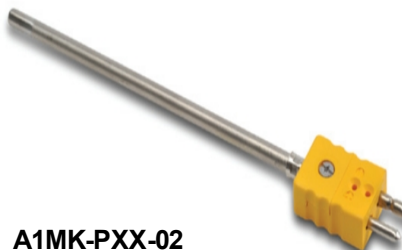
A1MT-PXX-01



A1MJ-PXX-02



A1MK-PXX-02



Overview

- All temperature sensors are custom made standard item.

.Type J, K or T thermocouple elements to meet many temperature sensing applications
.Ø3.2mm & Ø6.35mm ,316SS or InconelAlloy 600 sheath to protect against harsh environments

.Magnesium Oxide (MgO) insulation provides vibration dampening and protection against thermal shock

.150mm,300mm or 450mm probe length

. Heavy duty lead wire transition with relief spring

.2 meters lead wires with stainless steel overbraid

Others

-Required others types of thermocouple, specifications & temperature range can be custom made upon request

Thermocouple Probe with Hex Nipple -Types J and k

Part No	Type	Probe Diameter Ø(mm)	Probe Length (mm)	Temperature Range °C	Attached Male Plug size
A1MJ-P06-01	J	3.2mm	150	0 to 250	Miniature
A1MJ-P12-01	J		300		
A1MJ-P18-01	J		450		
A1MK-P06-01	K		150	0 to 400	
A1MK-P12-01	K		300		
A1MK-P18-01	K		450		
A1MT-P06-01	T		150	-200 to 250	
A1MT-P12-01	T		300		
A1MT-P18-01	T		450		
A1MJ-P06-02	J	6.35mm	150	0 to 250	Standard
A1MJ-P12-02	J		300		
A1MJ-P18-02	J		450		
A1MK-P06-02	K		150	0 to 400	
A1MK-P12-02	K		300		
A1MK-P18-02	K		450		



A ONE UNION (M) SDN BHD (1004072-A)

No. 42-M, Jalan Kuchai Maju 11, Kuchai Entrepreneur Park, Jalan Kuchai Lama,
58200 Kuala Lumpur, Malaysia.

Tel : +603 7980 8940 Fax: +603 7983 8943 <http://oneunion.com.my>



Cert No. 07780

THERMOCOUPLE & SCR CONTROLLER
SPECIALITY MANUFACTURER
INDUSTRIAL ALLOYS,
FURNACE MATERIALS,
INSTRUMENT & EQUIPMENT

Thermocouple Probe with Attached Plug

Technical Specifications

Junction Type	Grounded
Probe	Ø3.2mm & 6.35mm, 304 s/s sheath, single thermocouple element is embedded in MgO powder
Minimum Installation Depth	76mm length

Dimension

A1MJ , K & T-PXX- 01

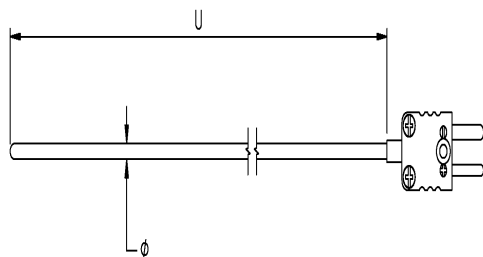


TABLE A

PART NUMBER	U LENGTH
A1MJ-P06-01	150mm
A1MJ-P12-01	300mm
A1MJ-P18-01	450mm
A1MK-P06-01	150mm
A1MK-P12-01	300mm
A1MK-P18-01	450mm
A1MT-P06-01	150mm
A1MT-P12-01	300mm
A1MT-P18-01	450mm

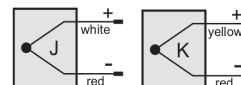
Wiring Information

Type J: black plug

Type K: yellow plug

Pins labeled + and -

- Must use with mating jack and thermocouple extension lead wire, see end of this section
- Observe polarity when making connections
- Do not use standard wire nuts



A1MJ & K-PXX-02

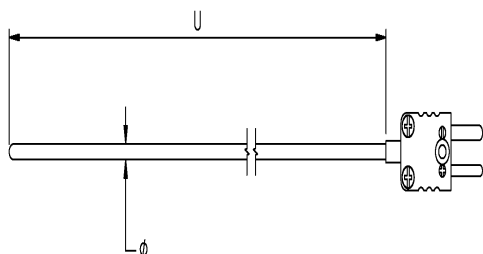


TABLE A

PART NUMBER	U LENGTH
A1MJ-P06-02	150mm
A1MJ-P12-02	300mm
A1MJ-P18-02	450mm
A1MK-P06-02	150mm
A1MK-P12-02	300mm
A1MK-P18-02	450mm

Wiring Information

Type J: black plug

Type K: yellow plug

Pins labeled + and -

- Must use with mating jack and thermocouple extension lead wire, see end of this section
- Observe polarity when making connections
- Do not use standard wire nuts

