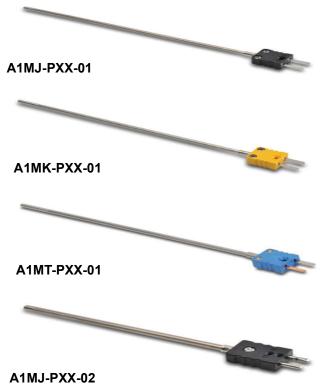
No. 42-2, Jalan Kuchai Maju 11, Kuchai Entrepreneur Park, Jalan Kuchai Lama, 58200 Kuala Lumpur, Malaysia. T +603 7983 9016 / F +603 7980 0394 / www.dnscontrols.my

# **Thermocouple Probe with Attached Plug**



### **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 ,304SS sheath to protect against harsh environments
- Magnesium Oxide (MgO) insulation provides vibration dampening and protection against thermal shock
- 150mm,300mm or 450mm probe length
- Attached plug for quick and easy wiring connections

#### Others

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



Thermocouple Probe with Hex Nipple -Types J and k						
		Probe Diameter	Probe Length	Temperature Range	Attached Male	
Part No	Туре	Ø(mm)	(mm)	°C	Plug size	
A1MJ-P06-01	J	3.2mm	150	0 to 250		
A1MJ-P12-01	J	3.2mm	300	0 to 250		
A1MJ-P18-01	J	3.2mm	450	0 to 250		
A1MK-P06-01	K	3.2mm	150	0 to 250		
A1MK-P12-01	K	3.2mm	300	0 to 250	Miniature	
A1MK-P18-01	K	3.2mm	450	0 to 400		
A1MT-P06-01	Т	3.2mm	150	-200 to 250		
A1MT-P12-01	Т	3.2mm	300	-200 to 250		
A1MT-P18-01	Т	3.2mm	450	-200 to 250		
A1MJ-P06-02	J	6.35mm	150	0 to 250		
A1MJ-P12-02	J	6.35mm	300	0 to 250		
A1MJ-P18-02	J	6.35mm	450	0 to 250	Standard	
A1MK-P06-02	K	6.35mm	150	0 to 400		
A1MK-P12-02	K	6.35mm	300	0 to 400		
A1MK-P18-02	K	6.35mm	450	0 to 400		

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			

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## **Thermocouple Probe with Attached Plug**

#### **Dimension**

A1MJ, K & T-PXX-01

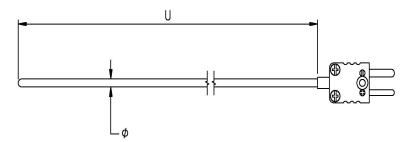


TABLE A				
PART NUMBER	U LENGTH			
A1MJ-P06-01	150mm			
A1MJ-P12-01	300mm			
A1MJ-P18-01	450mm			
A1MK-P06-01	150mm			
A1MK-P12-01	300mm			
A1MK-P18-01	450mm			
A1MT-P06-01	150mm			
A1MT-P12-01	300mm			
A1MT-P18-01	450mm			

#### Wiring Information

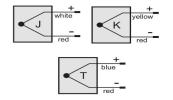
Type J: black plug

Type K: yellow plug

Type T: blue 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**

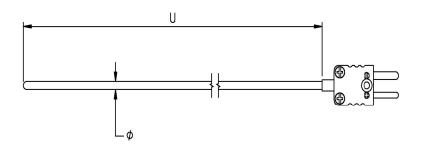


TABLE A				
PART NUMBER	U LENGTH			
A1MJ-P06-02	150mm			
A1MJ-P12-02	300mm			
A1MJ-P18-02	450mm			
A1MK-P06-02	150mm			
A1MK-P12-02	300mm			
A1MK-P18-02	450mm			

### 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

