

Adjustable Depth Sensors

Type J, K, and T Thermocouples
• Grounded

Sheath Materials

- 3/16" Diameter 316 Stainless Steel

Adjustment Fittings

- Single Slot Spring Loaded Bayonet Fitting
- 9/32" Conduit with Bayonet Fitting

Termination Options

- T/C wire with Stripped Leads
- Spade Lugs
- Thermocouple Plugs

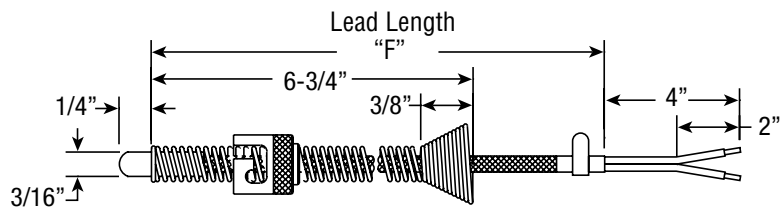


ADSCJ

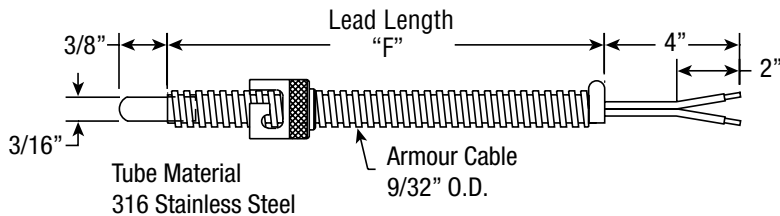


ADSSJ

Dimensions - ADS (Spring Type Adjustment)



Dimensions - ADS (Conduit Style Adjustment)



Description

This style of thermocouple is commonly used on plastic extruders and injection molding machines. They are also used on presses such as those used in the rubber industry.

The hollow tube thermocouple typically has a spring loaded bayonet cap. When properly installed, the sensing tip presses against the bottom of the probe area for accurate temperature readings. Since the depth is adjustable, fewer thermocouples have to be kept as spares when compared to fixed depth thermocouples. A wide selection of sensors, lead wire termination options and accessories is available from stock or can quickly be manufactured to customer specifications.

Since the thermocouple depth is adjustable, it isn't necessary to stock multiple sizes, therefore reducing inventory and costs.

Applications

- Plastic Extruders
- Injection Moldings
- Presses

Adjustable Depth Sensors

Ordering Information

ADS	Adjustable Depth Sensor						
	CODE	Sensor Type					
	S	Spring (Applicable Leadwire Type Codes: F3, F4, F6, T3)					
	C	Conduit (Applicable Leadwire Type Codes: F2, F5, T2, T4)					
	CODE	Thermocouple Alloy	Min Temp F.	Max Temp F.			
	J	Iron/Constantan	32	700			
	K	Chromel/Alumel	32	1600			
	T	Copper/Constantan	-328	400			
	CODE	Lead Wire Type			Thermocouple Types		
	F4	Fiberglass Insulation - Stranded Conductor			J, K		
	F6	Fiberglass Insulation - Stranded Conductor - Stainless Steel Overbraid			J, K, T		
	T3	Teflon Insulation - Stranded Conductor			J, K, T		
	CODE	Lead Length "F" Dimension					
	XXX	XXX = Lead Length in inches					
		CODE	Termination Options			Thermocouple Types	
		01	None			J,K,T	
		02	Leads stripped 2"			J,K,T	
		03	Leads stripped 2" with spade lugs			J,K,T	
		04	Leads stripped 2" with 1/2" NPT Bx connector			J,K,T	
		05	Leads stripped 2" with spade lugs & 1/2" NPT Bx connector			J,K,T	
		06	Standard thermocouple plug*			J,K,T	
		07	Standard thermocouple jack*			J,K,T	
		08	Standard thermocouple plug with mating connector*			J,K,T	
		09	Standard thermocouple jack with mating connector*			J,K,T	
		10	Miniature thermocouple plug*			J,K	
		11	Miniature thermocouple jack*			J,K	
		12	Miniature thermocouple plug with mating connector*			J,K	
		13	Miniature thermocouple jack with mating connector*			J,K	
			* Plugs and Jacks 500°F maximum temperature				
ADS-	S	J	F6-	036	02	Typical Model Number	