

## SPRING-LOADED 1.5 MM TEMPERATURE SENSOR

### TS-SL01.5-K



The 1.5 mm spring-loaded temperature sensor TS-SL01.5-K can be used for flow front arrival detection, effective melt temperature detection, or mold temperature monitoring. The TS-SL01.5-K is designed for use with RJG, Inc.'s Lynx™ Quad Temperature Module LS-QTTB-K—which receives input from up to four thermocouples—and the eDART® or CoPilot® system.

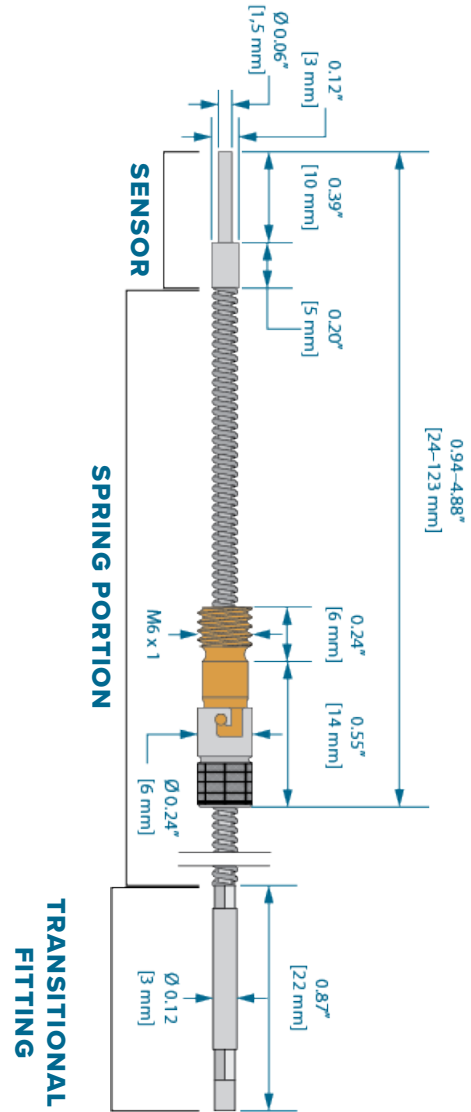
### TECHNICAL SPECIFICATIONS

The TS-SL01.5-K sensor head is made of stainless steel. The sensor's adjustable bayonet connector system accommodates variable plate depths and spring loads.

### SENSOR TEMPERATURES

Sensing Element	Type K Thermocouple	
Sensor Max.	1562 °F	850 °C
Spring Portion Max.	1,022 °F	550 °C
Transitional Fitting Max.	392 °F	200 °C
Cable Max.	662 °F	350 °C
Sensor Temp.	0–707 °F	0–375 °C
Accuracy	±1.8 °F	±1.5 °C
Sensor Temp.	707–752 °F	375–400 °C
Accuracy	0.4 % of reading	

### PRODUCT DIMENSIONS



### CABLE LENGTH

The TS-SL01.5-K sensor wire is available in three lengths. Length must be longer than needed to assure proper installation without tension on the lead wire.

### PART NUMBER

### LENGTH

PART NUMBER	LENGTH
TS-SL01.5m-K-.5M	19.7" (0,5 m)
TS-SL01.5m-K-1M	39.4" (1,0 m)
TS-SL01.5m-K-2M	78.7" (2,0 m)



## INSTALLATION

Refer to product manual and installation guide for all dimensions—available for download online at [www.rjginc.com](http://www.rjginc.com).

1	Cavity
2	Sensor Pocket
3	Cable Channel
4	Sensor Retainer Fitting
5	Spring Retainer Bayonet <sup>1</sup> Fitting
6	Transitional Fitting

<sup>1</sup> The length (L) may be 0.94–4.84" (24–123 mm). Spring tension should be as tight as possible without inhibiting insertion into the brass adapter.

## APPLICATION DEPTHS (D)

Flow Front Arrival and Effective Melt Temperature	D < 0.02" (0,38 mm)
Mold Temperature	D > 0.02" (0,38 mm)

## SENSOR DEPTH AND RESPONSE TIME

