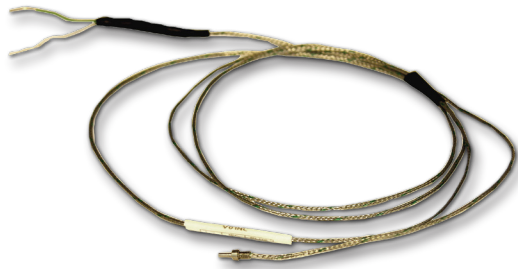


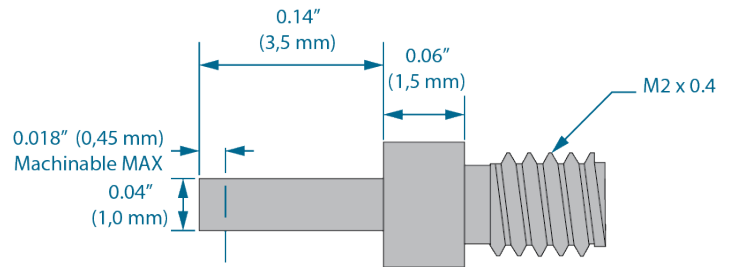
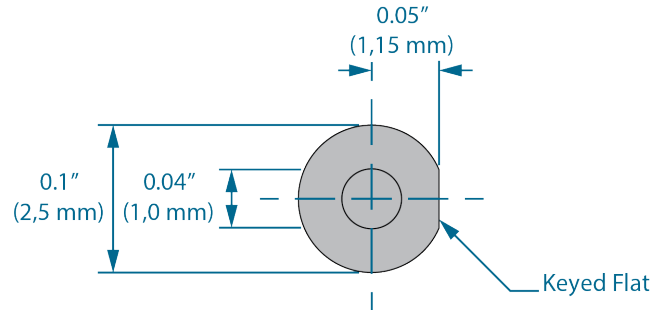
**PRODUCT DIMENSIONS**

**FLUSH-MOUNT 1 MM CAVITY TEMPERATURE SENSOR**

**TS-FM01-K**



The TS-FM01-K sensor head can be contoured, angled, and/or textured to match the cavity. The maximum removable material is 0.018" (0,45 mm); minimum sensor tip length cannot be less than 0.120" (3,05 mm). A sensor tip length of 0.122" (3,1 mm) is recommended.



The 1 mm flush-mount cavity temperature sensor TS-FM01-K analyzes temperature variation inside the mold cavity. The TS-FM01-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® systems.

**TECHNICAL SPECIFICATIONS**

**SENSOR**

Sensing Element	Type K Thermocouple
Connection	Open Leads
Force Range	up to 2,000 bar
Materials of Construction	Stainless Steel

**TEMPERATURE**

Sensor Range	0–707 °F	0–375 °C
Accuracy	±1.8 °F	±1.5 °C

Sensor Range	707–752 °F	375–400 °C
Specification	0.4% of reading	

Sensor Temp. MAX	752 °F	400 °C
Cable Temp. MAX	428 °F	220 °C

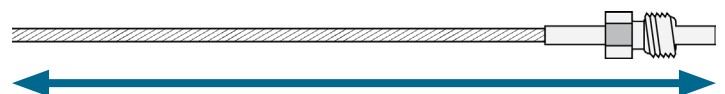
**SENSOR CABLE**

The TS-FM01-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**

TS-FM01-K-.5m	19.8" (0.5 m)
TS-FM01-K-1m	39.4" (1.0 m)
TS-FM01-K-2m	78.7" (2.0 m)



**SENSOR CABLE ORDERING LENGTH**

## INSTALLATION

The TS-FM01-K can be installed either using the included retaining nut or a retaining sleeve. Refer to product manual and installation guide for all dimensions, machining specifications, and wiring—available for download online at [www.rjginc.com](http://www.rjginc.com).

1 Sensor

2 Retaining Nut

3 Cavity

4 Sensor

5 Retaining Sleeve

6 Cavity

