



## LYNX™ SINGLE-CHANNEL STRAIN GAGE 4,000-POUND BUTTON SENSOR

### LSB159-4000



The LSB159-4000 is a single-channel, digital strain gage, indirect (under pin), 0.625" (15,88 mm) button-style cavity pressure sensor designed for use with the RJG eDART® or CoPilot® process control and monitoring systems.

## TECHNICAL SPECIFICATIONS

### SENSOR

Sensing Element	Strain Gage	
Force Range	4,000 lb.	17.79 kN
Accuracy	± 0.75% F.S.	

### TEMPERATURE

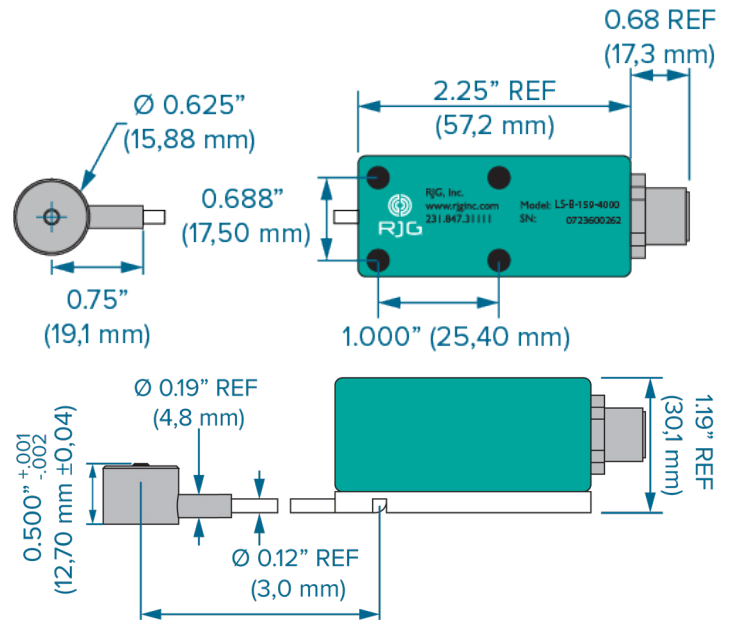
#### SENSOR HEAD

Temperature Max. (standard)	250 °F 121 °C
Temperature Max. (hi-temp)	425 °F 218 °C

#### LYNX CASE

Temperature Max.	140 °F 60 °C
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## PRODUCT DIMENSIONS



### SENSOR CABLE ORDERING LENGTH

### STANDARD CABLE LENGTHS

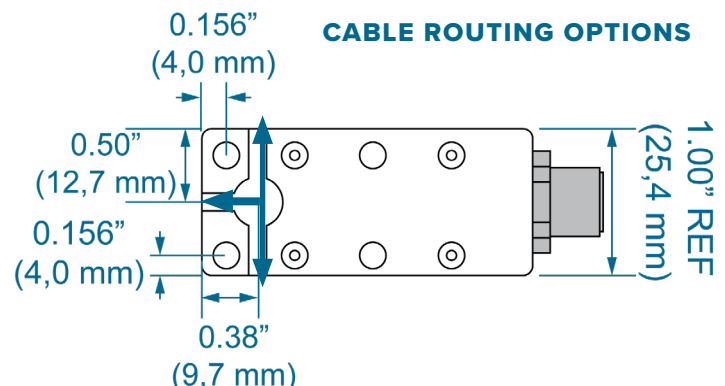
Length must be longer than needed to facilitate safe installation and removal of connector from tool to prevent tension on the lead wire; generally, 2–3" (50–75 mm) of slack is sufficient.

All standard lengths ±0.13" (3.2 mm) at build.

MODEL NO.	LENGTH
LSB159-4000-.2	7.87" (200 mm)
LSB159-4000-.4	15.75" (400 mm)
LSB159-4000-.6	23.62" (600 mm)
LSB159-4000-.8	31.50" (800 mm)
LSB159-4000-1.0	39.37" (1000 mm)
LSB159-4000-1.2	47.24" (1200 mm)
LSB159-4000-1.4	55.12" (1400 mm)
LSB159-4000-1.6	62.99" (1600 mm)
LSB159-4000-2.0	78.74" (2000 mm)

Also available in custom-order lengths at an additional cost.

### CABLE ROUTING OPTIONS



## INSTALLATION

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

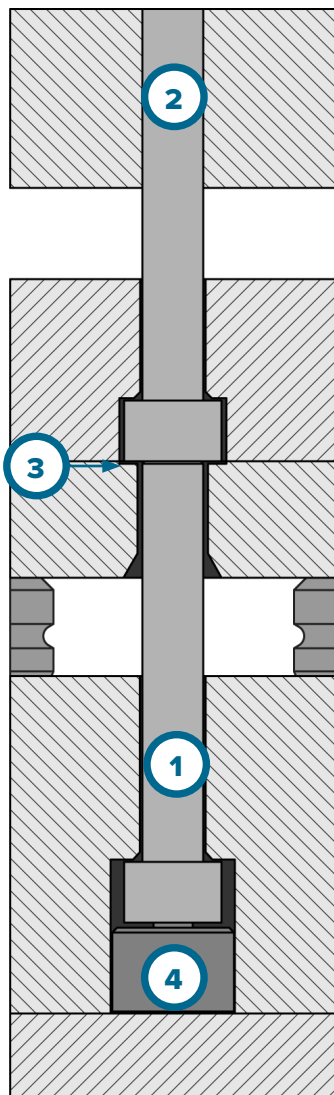
1 Transfer Pin

2 Ejector Pin

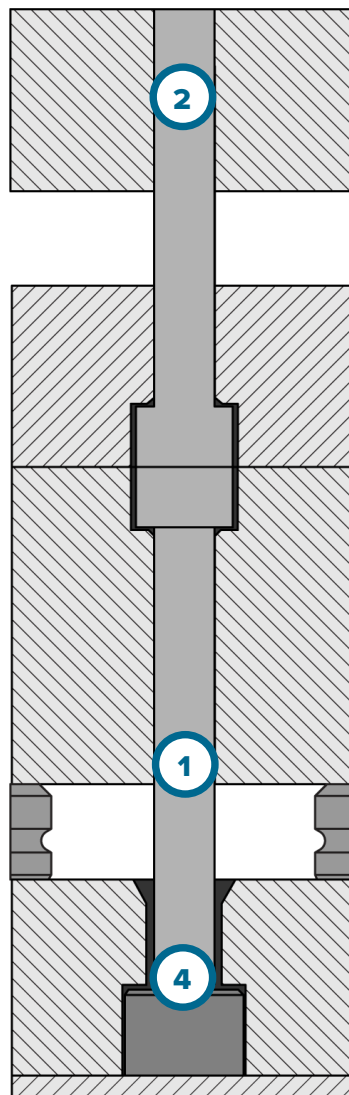
3 Counterbore in Ejector Plate

4 Sensor

**CLAMP PLATE  
(TYPICAL)  
INSTALLATION**



**CLAMP PLATE  
(HEAD-TO-HEAD)  
INSTALLATION**



B Plate or  
Cavity Insert

Ejector  
Retainer  
Plate

Ejector  
Plate

Clamp  
Plate

Cover  
Plate

**EJECTOR PLATE  
INSTALLATION**

