

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

MCSG-B-159-4000



The MCSG-B-159-4000 a multi-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 system.

TECHNICAL SPECIFICATIONS

SENSOR

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

TEMPERATURE

SENSOR HEAD

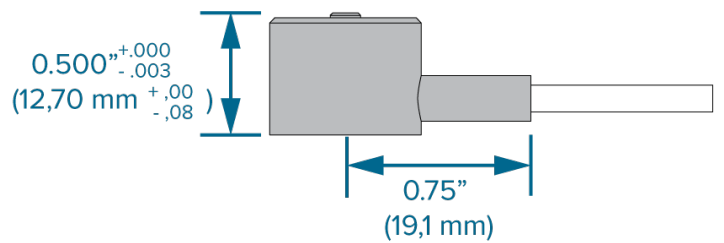
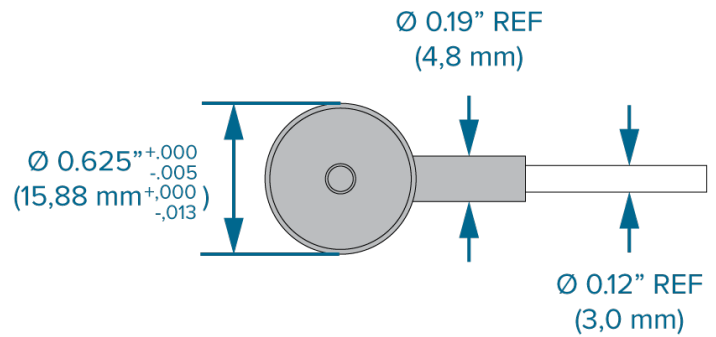
Temperature Max. (standard) 250 °F 120 °C

Temperature Max. (hi-temp) 425 °F 220 °C

SENSOR CONNECTOR

Temperature Max. 185 °F 85 °C

PRODUCT DIMENSIONS

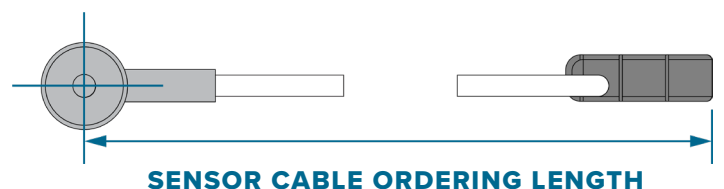


STANDARD CABLE LENGTHS

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

MODEL NO.	LENGTH
MCSG-B-159-4000-.2	7.87" (200 mm)
MCSG-B-159-4000-.4	15.75" (400 mm)
MCSG-B-159-4000-.6	23.62" (600 mm)
MCSG-B-159-4000-.8	31.50" (800 mm)
MCSG-B-159-4000-1.0	39.37" (1000 mm)
MCSG-B-159-4000-1.2	47.24" (1200 mm)
MCSG-B-159-4000-1.4	55.12" (1400 mm)
MCSG-B-159-4000-1.6	62.99" (1600 mm)
MCSG-B-159-4000-2.0	78.74" (2000 mm)

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



INSTALLATION

Refer to product manual and installation guide for all dimensions—available for download online at www.rjginc.com.

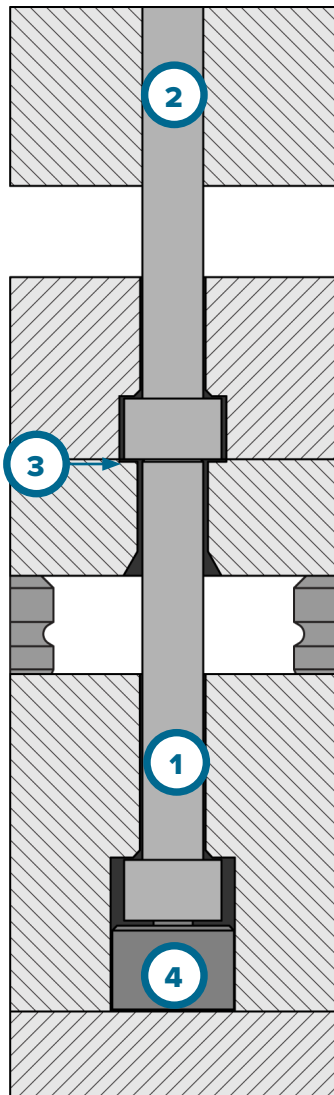
1 Transfer Pin

2 Ejector Pin

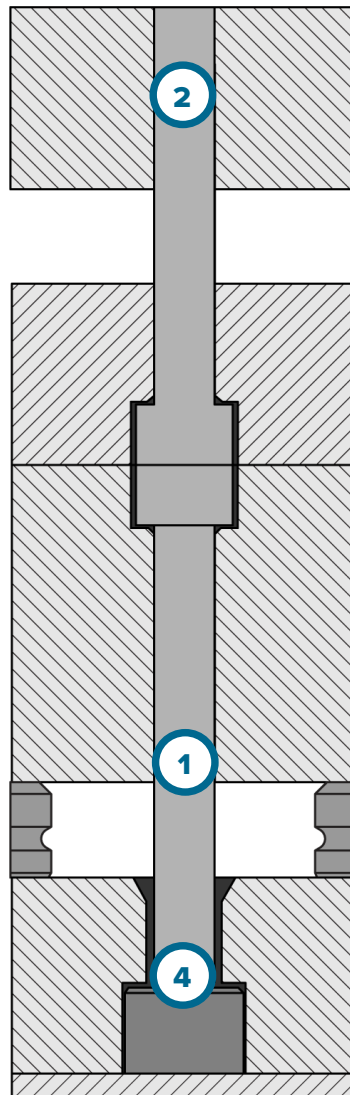
3 Counterbore in Ejector Plate

4 Sensor

CLAMP PLATE (TYPICAL) INSTALLATION



CLAMP PLATE (HEAD-TO-HEAD) INSTALLATION



EJECTOR PLATE INSTALLATION

