

**LYNX™ MULTI-CHANNEL STRAIN GAGE SENSORS**

**MCSG-B-127-125/500/2000**



The MCSG-B-127-125/500/2000 are multi-channel digital strain gage, 0.50" (12,7 mm) button-style cavity pressure sensors designed for use with the RJG, Inc. eDART® and CoPilot® process control and monitoring systems.

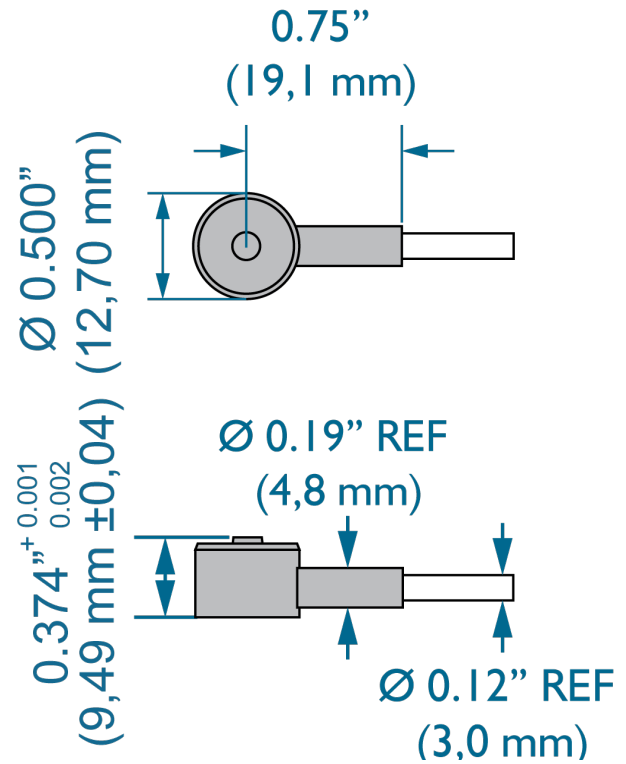
**TECHNICAL SPECIFICATIONS**

SENSOR	FORCE RANGE	ACCURACY
MCSG-B-127-125	125 lb. 0.56 kN	±1.25% F.S.
MCSG-B-127-500	500 lb. 2.22 kN	±1.25% F.S.
MCSG-B-127-2000	2000 lb. 8.90 kN	±1.25% F.S.

**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**



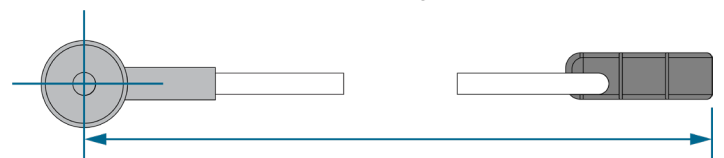
**STANDARD CABLE LENGTHS**

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
MCSG-B-127-125/500/2000-.2	7.87" (200 mm)
MCSG-B-127-125/500/2000-.4	15.75" (400 mm)
MCSG-B-127-125/500/2000-.6	23.62" (600 mm)
MCSG-B-127-125/500/2000-.8	31.50" (800 mm)
MCSG-B-127-125/500/2000-1.0	39.37" (1000 mm)
MCSG-B-127-125/500/2000-1.2	47.24" (1200 mm)
MCSG-B-127-125/500/2000-1.4	55.12" (1400 mm)
MCSG-B-127-125/500/2000-1.6	62.99" (1600 mm)
MCSG-B-127-125/500/2000-2.0	78.74" (2000 mm)

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



**SENSOR CABLE ORDERING LENGTH**

## INSTALLATION

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

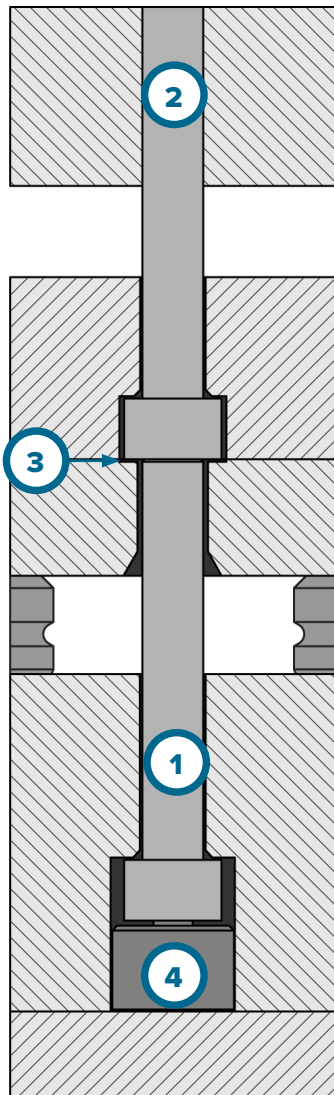
1 Transfer Pin

2 Ejector Pin

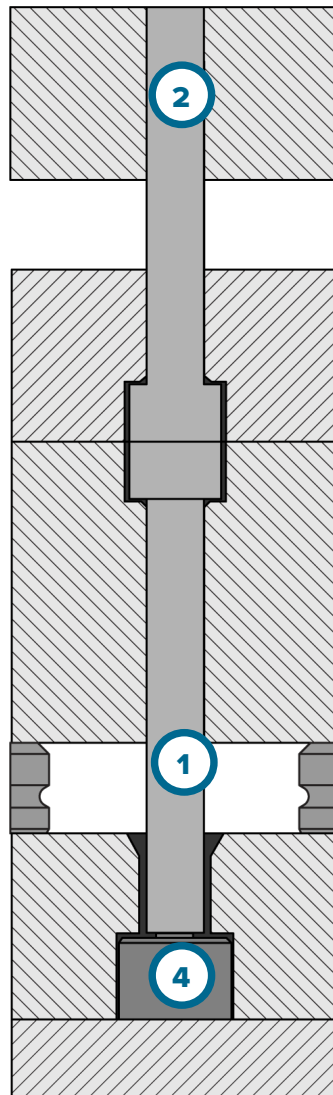
3 Counterbore in Ejector Plate

4 Sensor

### CLAMP PLATE (TYPICAL) INSTALLATION



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



### EJECTOR PLATE INSTALLATION

