



LYNX™ 6 MM MULTI-CHANNEL STRAIN GAGE SENSOR

MCSG-50 & MCSG-250



The MCSG-50/250 a multi-channel, digital strain gage, indirect (under-pin), 6 mm (0.236") 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	50 lb. (0.22 kN)	250 lb. (1.1 kN)
Max. Overload	375 lb. (1.7 kN)	
Accuracy	±2% Full Scale	

TEMPERATURE

SENSOR HEAD

Temperature Maximum	250 °F	120 °C
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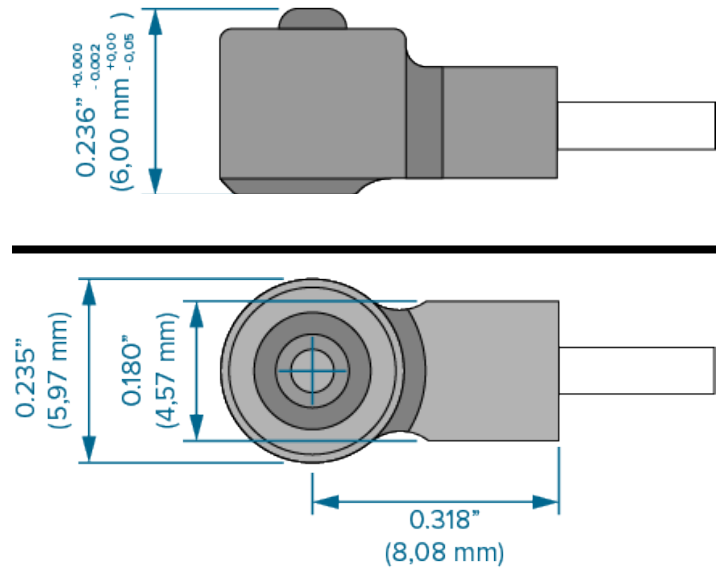
SENSOR CONNECTOR

Temperature Maximum	185 °F	85 °C
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SOFTWARE REQUIREMENTS

eDART System	v9.4.3/v10.8 or higher
CoPilot System	v3.0.0 or higher

PRODUCT DIMENSIONS

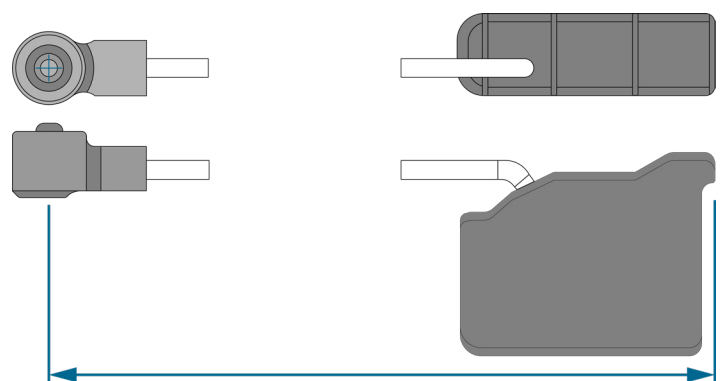


STANDARD CABLE LENGTHS

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

MODEL NO.		LENGTH
MCSG-50-.2	MCSG-250-.2	7.87" (200 mm)
MCSG-50-.4	MCSG-250-.4	15.75" (400 mm)
MCSG-50-.6	MCSG-250-.6	23.62" (600 mm)
MCSG-50-.8	MCSG-250-.8	31.50" (800 mm)
MCSG-50-1.0	MCSG-250-1.0	39.37" (1000 mm)
MCSG-50-1.2	MCSG-250-1.2	47.24" (1200 mm)
MCSG-50-1.4	MCSG-250-1.4	55.12" (1400 mm)
MCSG-50-1.6	MCSG-250-1.6	62.99" (1600 mm)
MCSG-50-2.0	MCSG-250-2.0	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.

- 1 Sensor
- 2 Ejector Pin
- 3 Counterbore in Ejector Plate

