

# LYNX™ MOLD DEFLECTION SENSOR

## LS-MD-040



The Lynx mold deflection sensor LS-MD-040 measures up to 0.040" (1,016 mm) of mold deflection at the parting line each cycle for use with the eDART® system.

### TECHNICAL SPECIFICATIONS

#### SENSOR AND SPRING

Sensing Element	Strain Gage	
Max. Deflection	0.040"	1,02 mm
Spring Constant	424 lb./in.	8.85 N•m
Resolution	3x10 <sup>-5</sup> "	

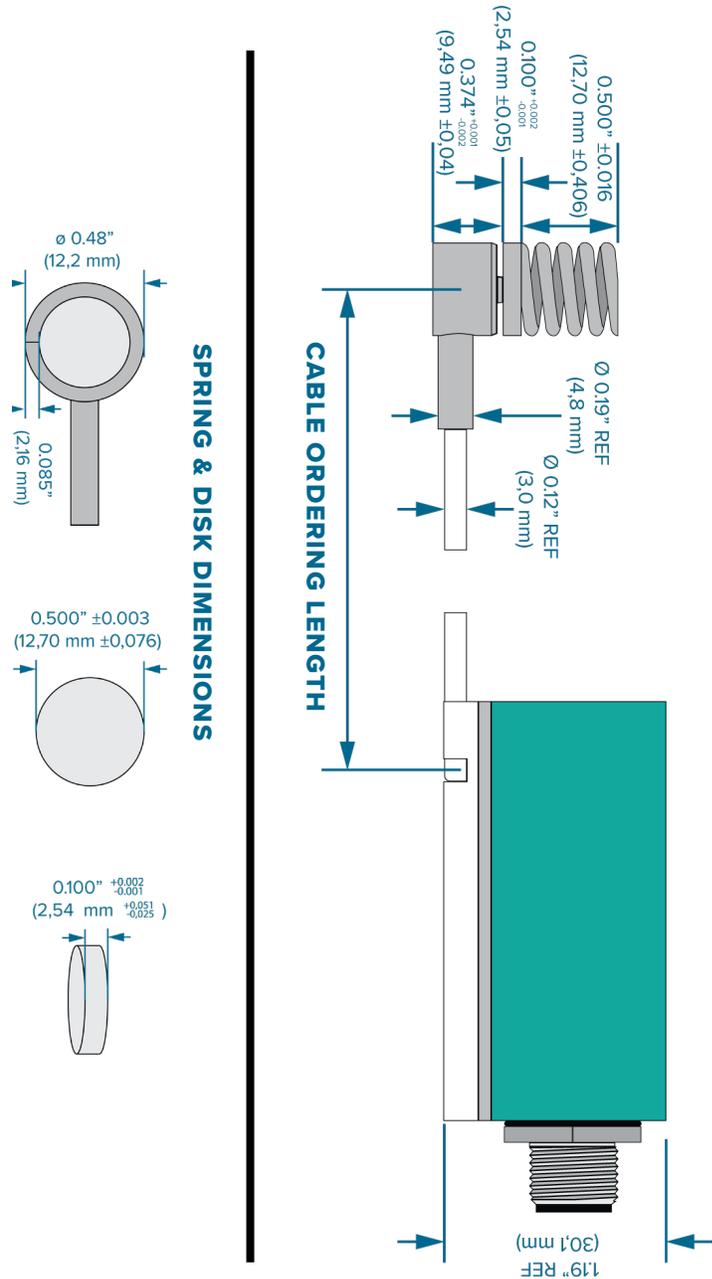
#### TEMPERATURE

Temperature Max. (Sensor Head/ Cable)	250 °F	121 °C
Hi-Temp Max. (Sensor Head/ Cable)	425 °F	218 °C
Temperature Max. (Lynx Case)	140 °F	60 °C

#### MATERIALS OF CONSTRUCTION

Disk	Steel, Hardened
Spring	302 SS

### PRODUCT DIMENSIONS



#### 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. Use good sense to determine the appropriate cable length required for each application.

3–48"	(1/8" increments)
75–1,200 mm	(3,0 mm increments)

## INSTALLATION

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

1	Sensor
2	Pin
3	Spring and Disk

4	Sensor Cable Channel
5	Mold Parting Line
6	Lynx Case <sup>1</sup>

<sup>1</sup> Not shown; mounted on outside of mold.

