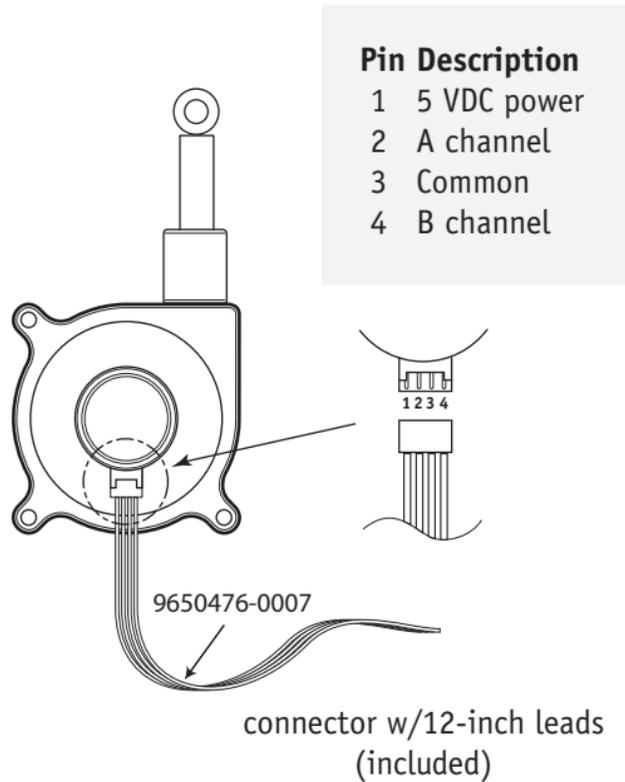


SE1 Installation Guide

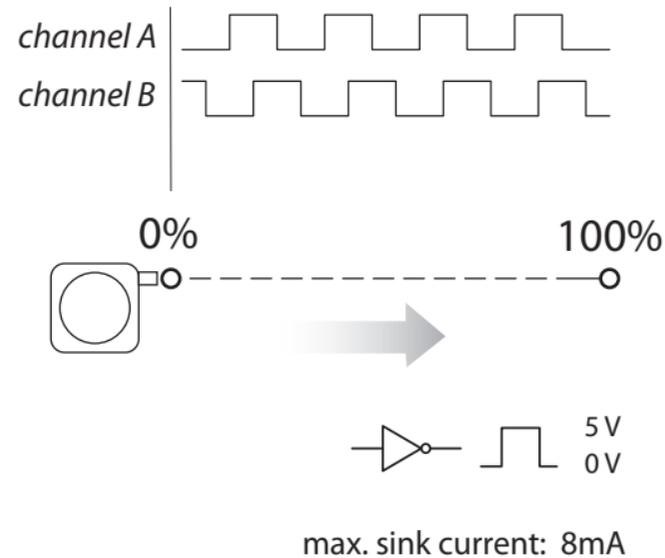
includes: SE1-25, SE1-50



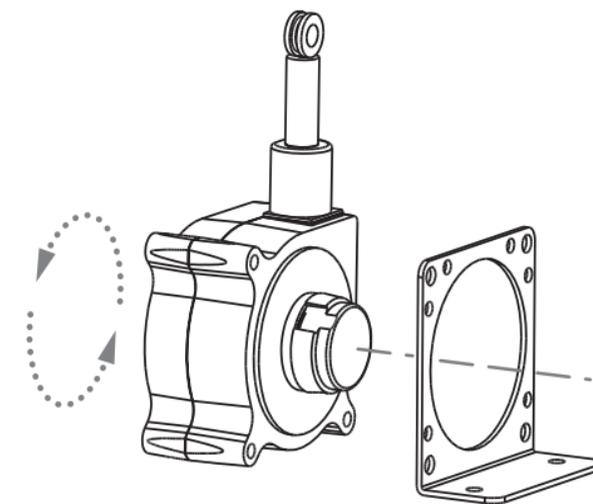
Electrical Connection



Output Signal / Circuit



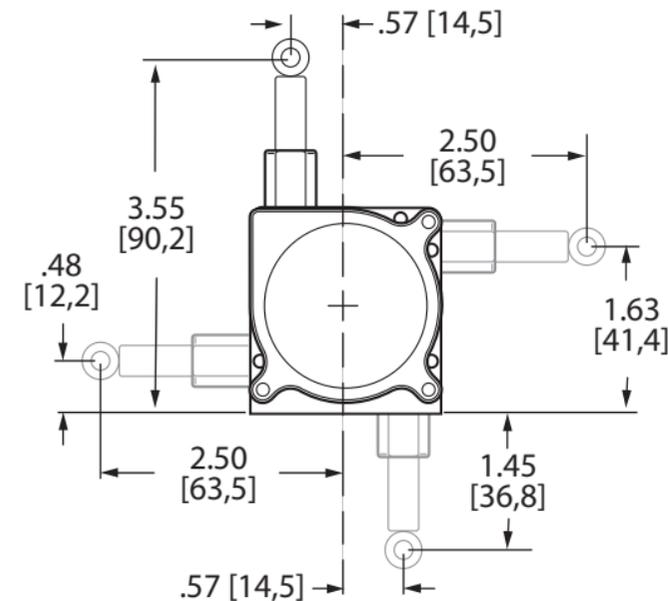
Measuring Cable Exit Direction



To change cable exit direction, simply remove the 3 mounting bracket screws and rotate sensor body to 1 of 4 options.

alternate installation

alternate measuring cable exits



in [mm]

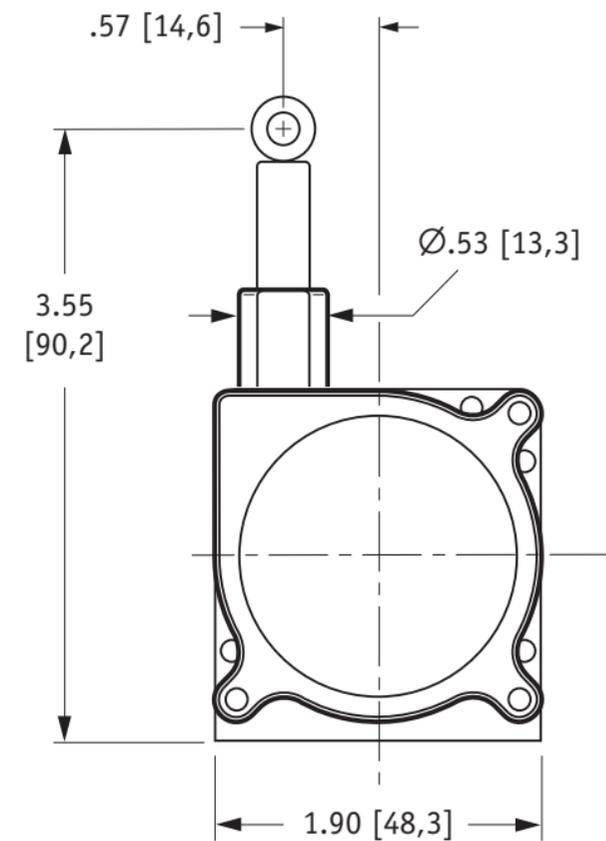
Front View

Side View

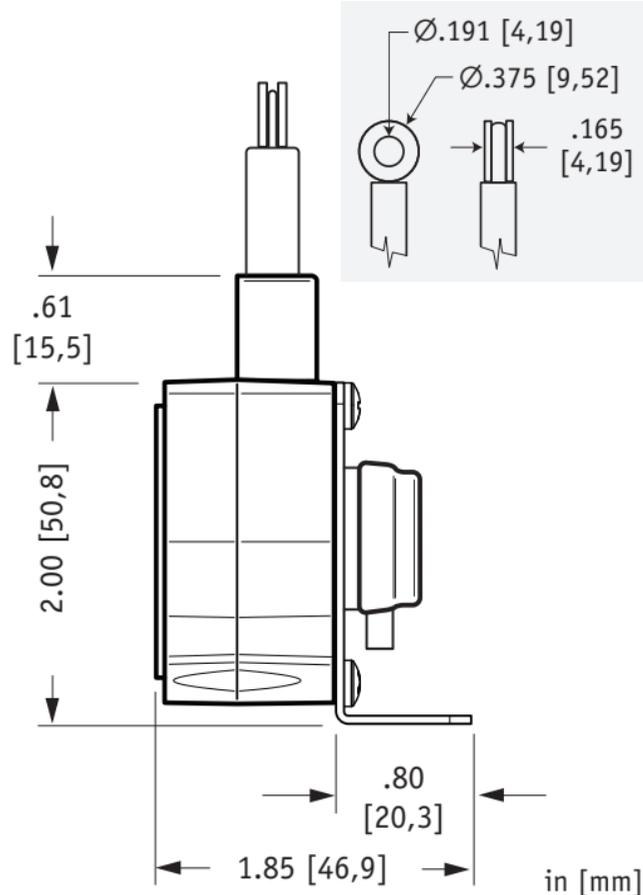
Top View

Alternate Bracket Installation

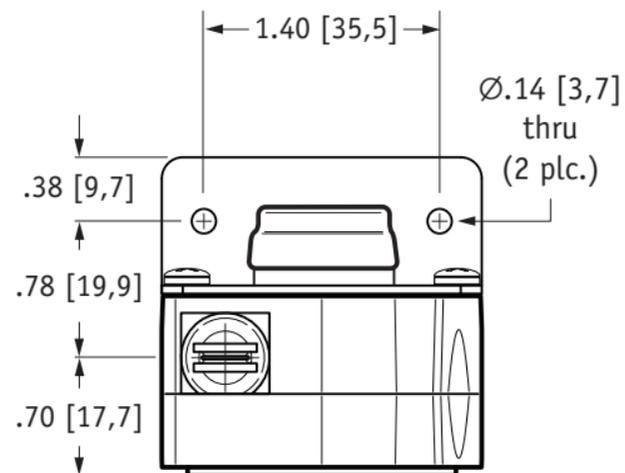
Specifications



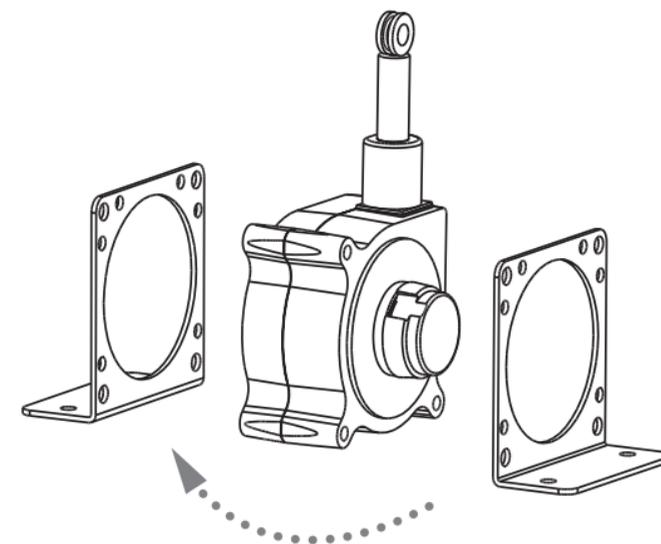
in [mm]



in [mm]



in [mm]



For added flexibility, the mounting bracket can easily be switched to opposite side.

Stroke Range Options:	25 and 50 inches
Output Signal:	Incremental Encoder, Quadrature
Resolution:	$56.40 \pm .32$ pulses per inch
Accuracy:	± 0.050 inches
Repeatability:	± 0.025 inches
Sensor:	optical encoder
Cycle Life:	1.1 million cycles
Input Voltage:	5 VDC
Input Current:	50mA max.
Sink Current:	8mA max.
Electrical Connector:	Part. No. 9650476-0007

Measuring Cable:	.019-in. dia. nylon-coated stainless
Measuring Cable Tension:	7 oz. (1,9 N) $\pm 25\%$
Max Cable Acceleration:	15 g
Enclosure Material:	polycarbonate
Enclosure:	IP50
Operating Temp:	14° - 185° F (-10° to 85° C)

Complete Specs: celesco.com/_datasheets/se1.pdf