SP1 Installation Guide

includes:

SP1-4	SP1-4-3
SP1-12	SP1-12-3
SP1-25	SP1-25-3
SP1-50	SP1-50-3

celesco measurement SPECIALTIES

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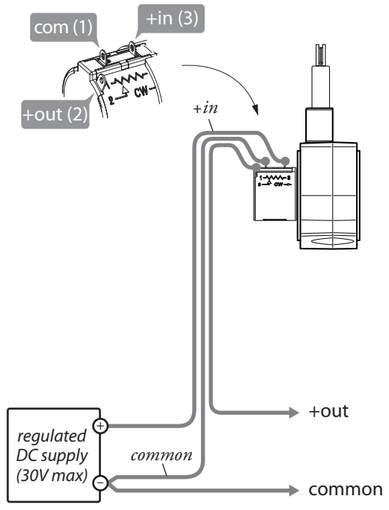
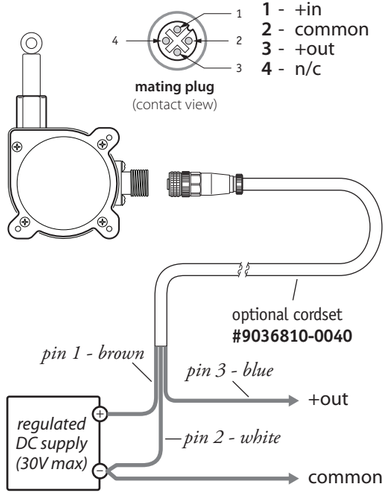
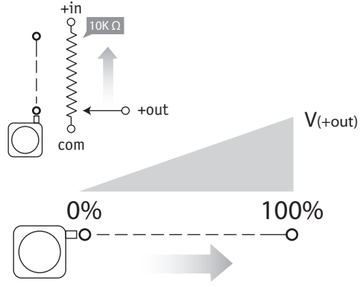
Electrical Connection, SP1-xx



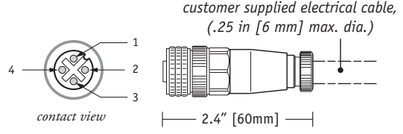
Electrical Connection, SP1-xx-3



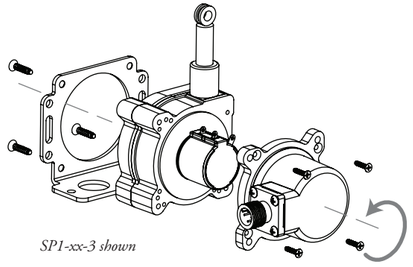
Output Signal / Circuit



Mating Plug (SP1-xx-3 only)



Cable Exit/Connector Direction

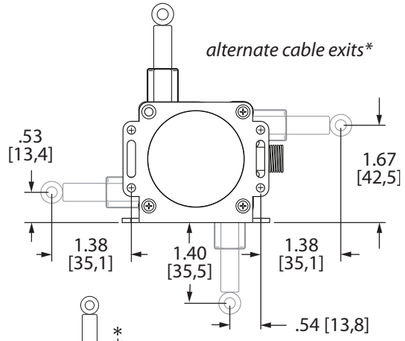


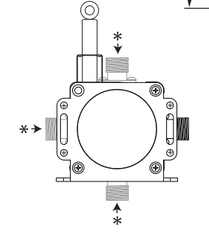
SP1-xx-3 shown

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

To change connector direction (SP1-xx-3 only), remove the 4 cover screws and carefully rotate to desired direction.

alternate installation

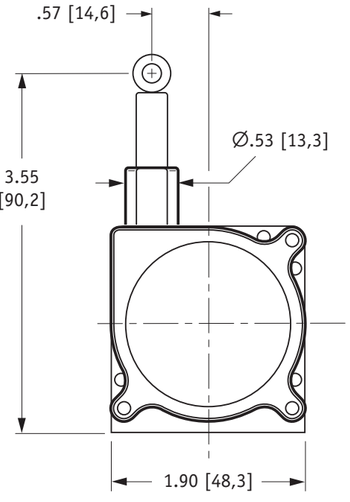




*alternate connector positions**

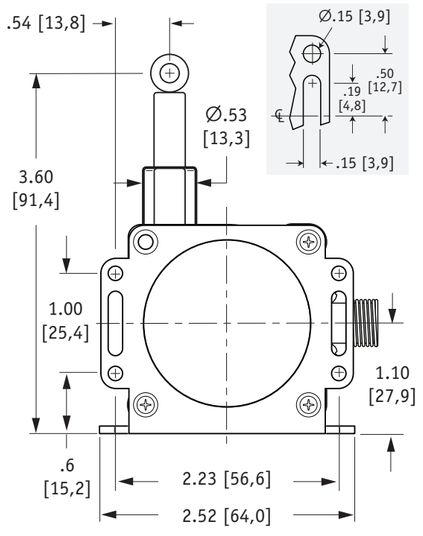
**note: SP1-xx-3 shown*

Front View, SP1-xx

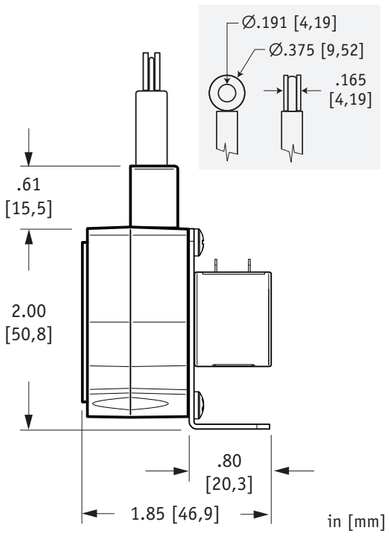


in [mm]

Front View, SP1-xx-3

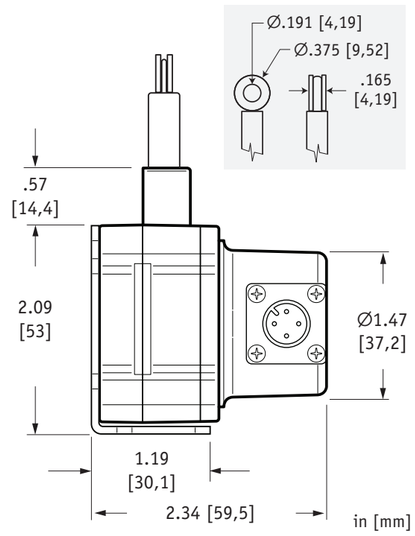


Side View, SP1-xx



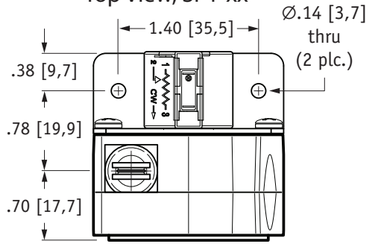
in [mm]

Side View, SP1-xx-3

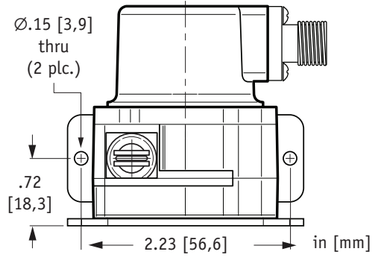


in [mm]

Top View, SP1-xx



Top View, SP1-xx-3



in [mm]

Specifications

Stroke Range Options:	4.75, 12.5, 25 and 50 inches
Accuracy	
4.75-inch range:	1% fs.
all others:	.25% fs.
Repeatability:	±.05% fs.
Enclosure:	polycarbonate
Measuring Cable:	.019-in. dia. nylon-coated stainless
Measuring Cable Tension:	7 oz.
Max Cable Acceleration:	15 g
Input Resistance:	10K ohms, ±10%
Sensor:	plastic hybrid potentiometer
Recommended maximum input voltage	30V (AC/DC)
Power Rating:	2 W at 70°F (21°C)
Operating Temp:	0°-160°F (-18° to 71°C)
Complete Specs:	celesco.com/_datasheets/sp1.pdf

version: 1.0 / item no: SP1-MANUAL

DEALER / REVENDEDOR

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