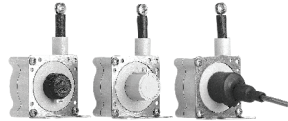


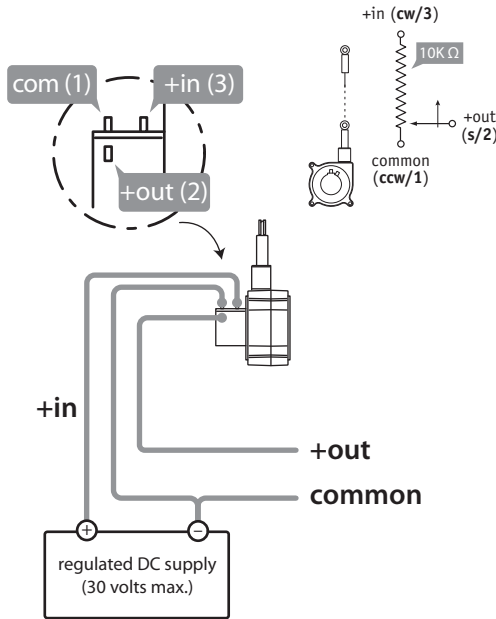
S Series Installation Guide

includes: SP1, SP2, SP3 and SE1



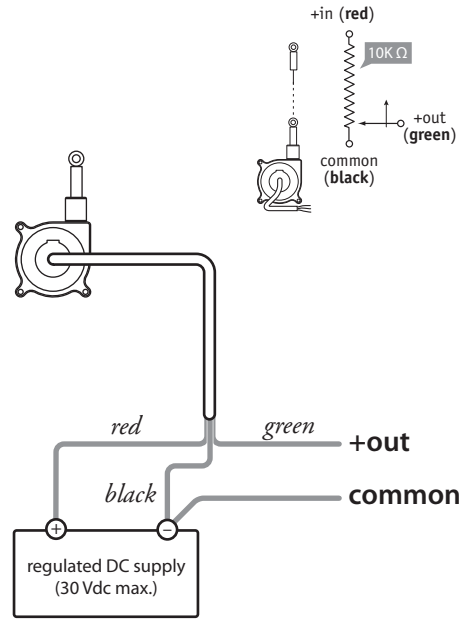
SP1 - voltage divider - w/ solder terminals

SP1-4, SP1-12, SP1-25, SP1-50



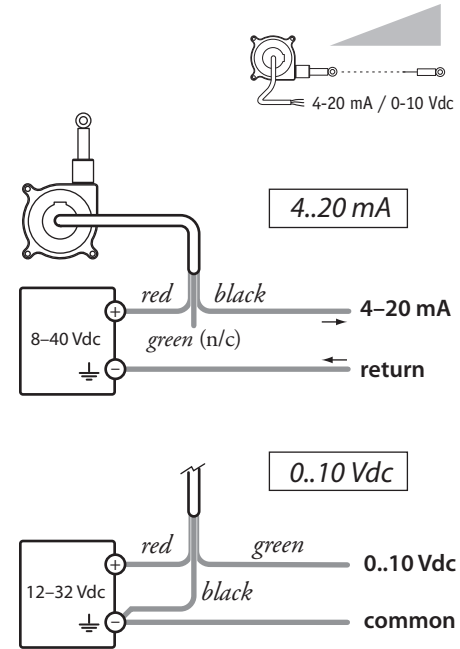
SP2 - voltage divider - w/ electrical cable

SP2-4, SP2-12, SP2-25, SP2-50



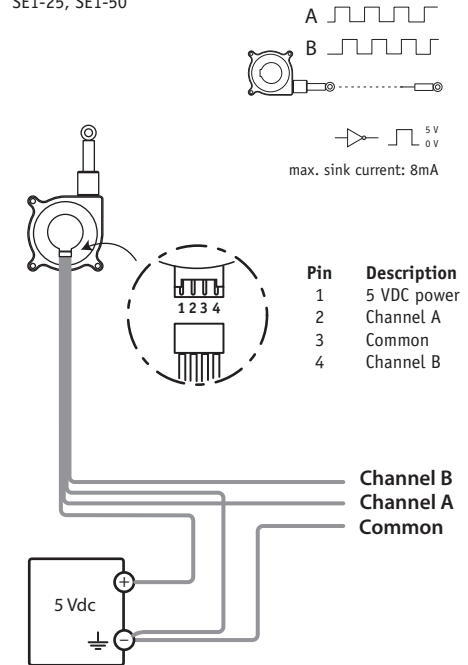
SP3 - user selectable output - 4..20mA • 0..10Vdc

SP3-4, SP3-12, SP3-25, SP3-50



SE1 - incremental encoder - w/ 12-inch leads and sip connector

SE1-25, SE1-50



Mechanical

Enclosure: polycarbonate
Measuring Cable: .019-in. dia. nylon-coated stainless
Measuring Cable Tension: 7 oz.
Max Cable Acceleration: 15 g

SP1 / SP2

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.
Input Resistance: 10K ohms, ±10%
Power Rating: 2 W at 70°F (21°C)
Operating Temp: 0-160°F (-18 to 71°C)
SP1 Specs: celesco.com/_datasheets/sp1.pdf
SP2 Specs: celesco.com/_datasheets/sp2.pdf

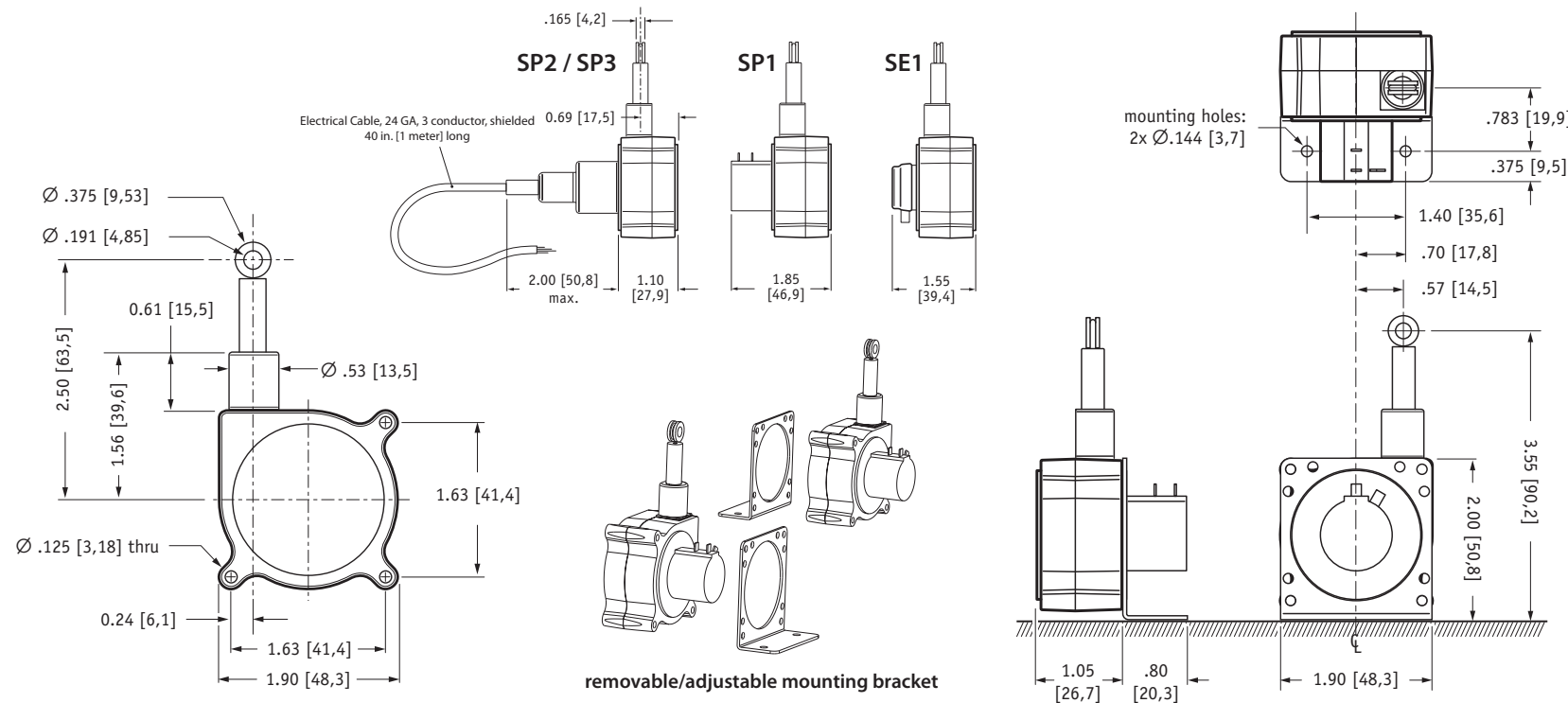
SP3

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.
Input Voltage (0-10 Vdc option): 12-32 Vdc
Input Voltage (4-20 mA option): 8-40 Vdc
Operating Temp: 0-160°F (-18 to 71°C)
SP3 Specs: celesco.com/_datasheets/sp3.pdf

SE1

Stroke Range Options: 25 and 50 inches
Output Signal: incremental encoder
Resolution: 56.40 ± .32 pulses per inch
Accuracy: ±.050 in.
Repeatability: ±.025 in.
Input Voltage: 5 Vdc
Input Current: 50 mA max.
Operating Temp: 14-185°F (-10 to 85°C)
SE1 Specs: celesco.com/_datasheets/se1.pdf

version: 1.0 / item no: SP-MANUAL



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