ES Universal Latch Sensor
Reed Switch Style

- **Indicates Door AND latch Secure**
- **Integrated LED Provides Interior Illumination**
- **Contactless Sensor**
- **IP67 Sealed**
- **Use With E5 Adjustable Grip Cam Latch (pages 153-153A)**
- **Contact Southco for additional latch options**

Material and Finish

Switch Housing: Polycarbonate, Clear
Back Plate: PC/ABS, Black
Adhesive: Acrylic foam and acrylic adhesive

Electronic Specifications

Supply Voltage: 12 VDC

Operating Temperature:
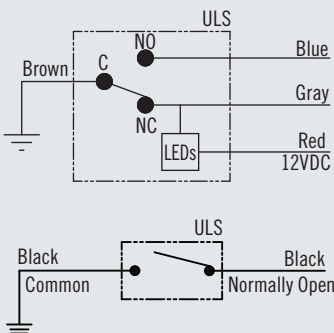-40°C to 80°C

Operating Humidity: 85% max No condensation

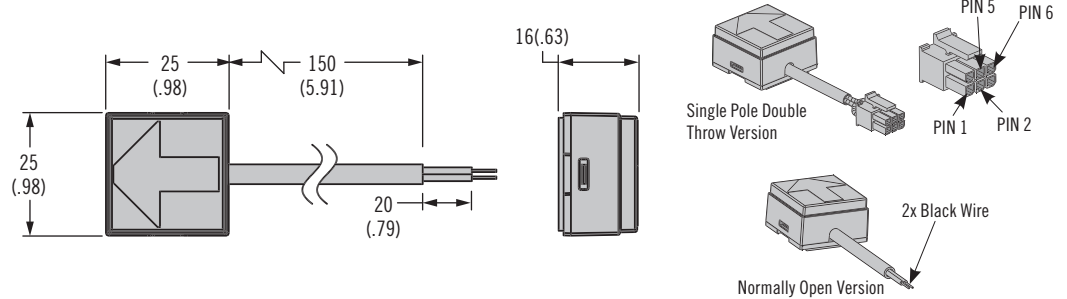Visit southco.com to download further installation and operation details

Wire Color Code / Connector Pin Assignments (Single Pole Double Throw Version)
PIN 1: Brown: Ground (–)
PIN 2: Red: Power
PIN 3: None
PIN 4: None
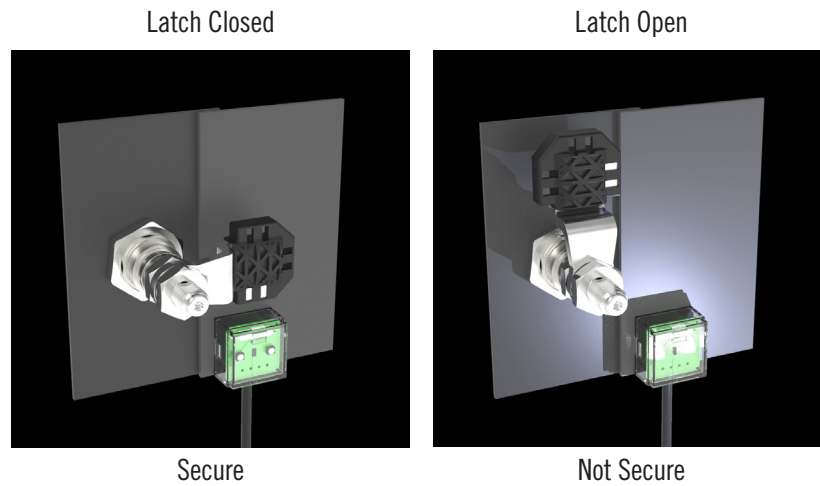PIN 5: Blue: Normally Open
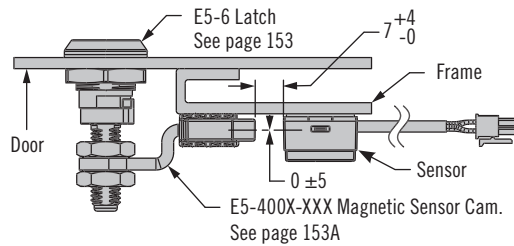PIN 6: Gray: Normally Closed
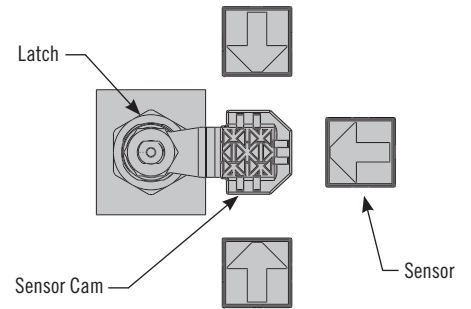
SPDT (Single Pole Double Throw)

Sensor Dimensions

25 (.98)
150 (5.91)
16(.63)
25 (.98)
20 (.79)

Single Pole Double Throw Version

PIN 5 PIN 6
PIN 1 PIN 2

2x Black Wire

Normally Open Version

Single Pole Double Throw Version Shown With Southco E5 Adjustable Grip Latch

Latch Closed

Latch Open

Secure

Not Secure

Sensor Mounting Location

E5-6 Latch See page 153
7 +4 -0
Frame
Door
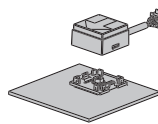Sensor
0 ±5
E5-400X-XXX Magnetic Sensor Cam. See page 153A

Sensor Orientation Options

Latch
Sensor Cam
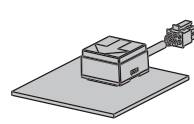Sensor

Installation

Attach base to frame utilizing pressure sensitive adhesive. Optionally install M3 or #4-40 screw.

Snap housing onto base with arrow pointed to magnet location.

Switch Type	Integrated LED	Connector Type	Part Number
Normally Open	No	Stripped And Tinned	ES-01-0200
Single Pole Double Throw	Yes	Stripped And Tinned	ES-01-0100
Single Pole Double Throw	Yes	Molex Microfit 3.0 Series 6 Pin	ES-01-0121

Dimensions in millimeters (inch) unless otherwise stated

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