

EM-05 Miniature Electronic Slide Bolt

Push-to-close · Compact size · Mechanical override

Features

- Simple transition from mechanical to electronic access
- Microprocessor controlled gear motor
- Minimal power draw
- Optional internal microswitch for latch open/close output signal
- Accepts signals from any electronic actuation source
- Single or multi-point latching

Electrical Specifications

- Recommended operating voltage: 12 - 24 VDC
- Typical operating current: Less than 600 mA at 12 VDC

Material

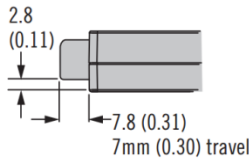
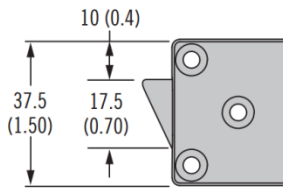
- Enclosure & latch bolt: Thermoplastic
- Housing assembly screws: Steel, zinc plated

Control Input

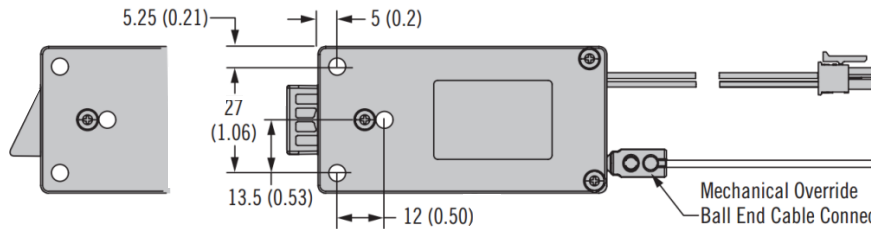
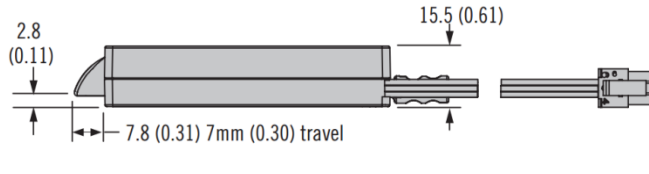
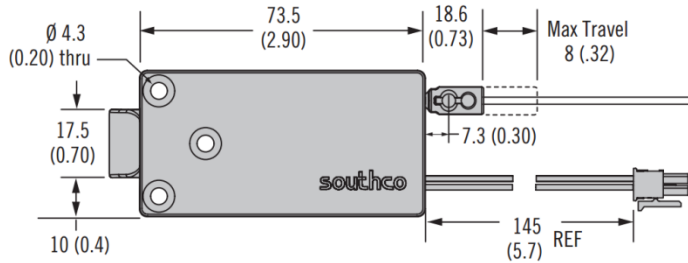
- Retracted position: 12 - 24 VDC
- The latch bolt will remain retracted for as long as the signal is present or a minimum of 1 second
- Input signal current: 25 mA Max at 24 VDC
- Extended position: 0 VDC



Side Mount



Front Mount



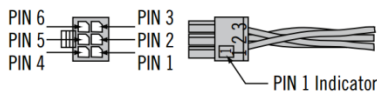
* For Mechanical Version of Front Mount Style order part number EM-05-11-001

* For Mechanical Version of Side Mount Style order part number EM-05-21-001
(Mechanical version does not include drive motor or electronics)

Mechanical Override
Ball End Cable Connector
(Will accept $\phi 1.6 \pm 0.15$
(0.063 ± 0.006)
cable with $\phi 4.78 \pm 0.13$
(0.188 ± 0.005) ball)

Latch Wiring Connection

Molex Microfit 3.0 series



Wire Color Code / Connector Pin Assignment:

- PIN 1: Brown: Ground (-)
- PIN 2: Red: Power 8 to 26 VDC
- PIN 3: Orange: Control Signal 8 to 26 VDC
- PIN 4: Black: Microswitch Common
- PIN 5: Blue: Microswitch N.O. Contact
- PIN 6: None

Miniature Electronic Keeper Part Numbers

Type	With Mechanical Override		Without Mechanical Override	
	With Switch	Without Switch	With Switch	Without Switch
Front Mount Latch Bolt	EM-05-11-111	EM-05-11-101*	EM-05-11-110	EM-05-11-100
Side Mount Latch Bolt	EM-05-21-111	EM-05-21-101*	EM-05-21-110	EM-05-21-100