



# EM-05 Miniature Electronic Slide Bolt

Push-to-close · Compact size · Mechanical override

- 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

### Material & Finish

Enclosure & Latch Bolt: Thermoplastic  
 Housing Assembly Screws: Steel, zinc plated

### Electrical Specifications

Recommended Operating Voltage: 12-24 VDC

Typical Operating Current: Less than 600mA at 12 VDC

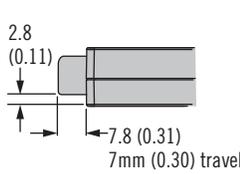
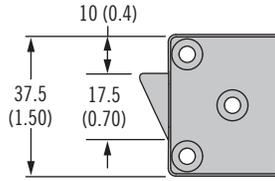
### Control Input

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.

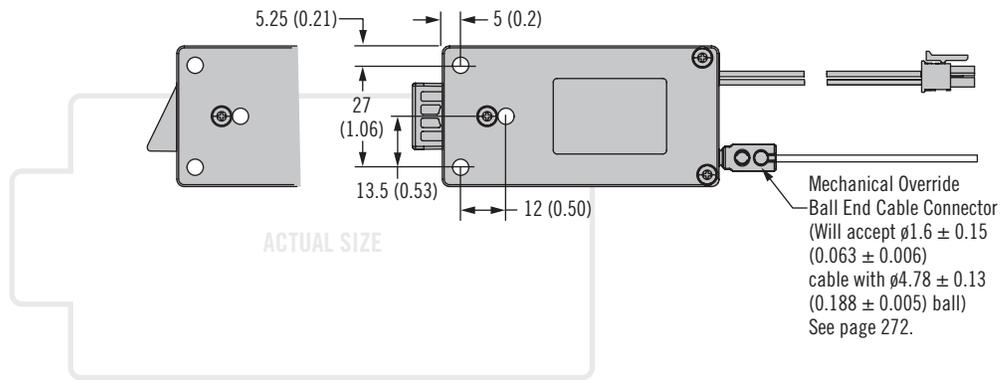
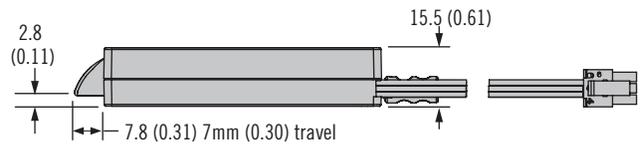
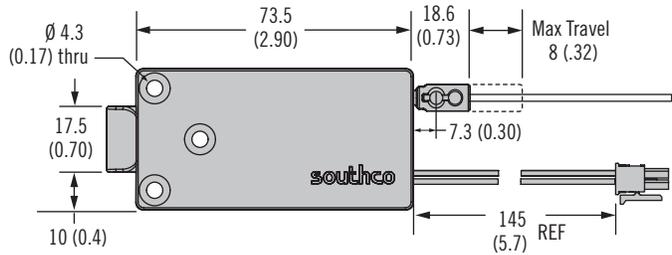
Input Signal Current: 25mA Max at 24 VDC

Extended Position: 0 VDC

### Side Mount

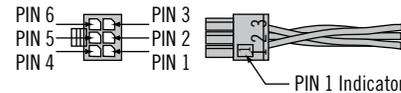


### Front Mount



### 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

\* 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)

Other options available. For complete details on variety, part numbers, installation and specification, go to



Dimensions in millimeters (inch) unless otherwise stated

