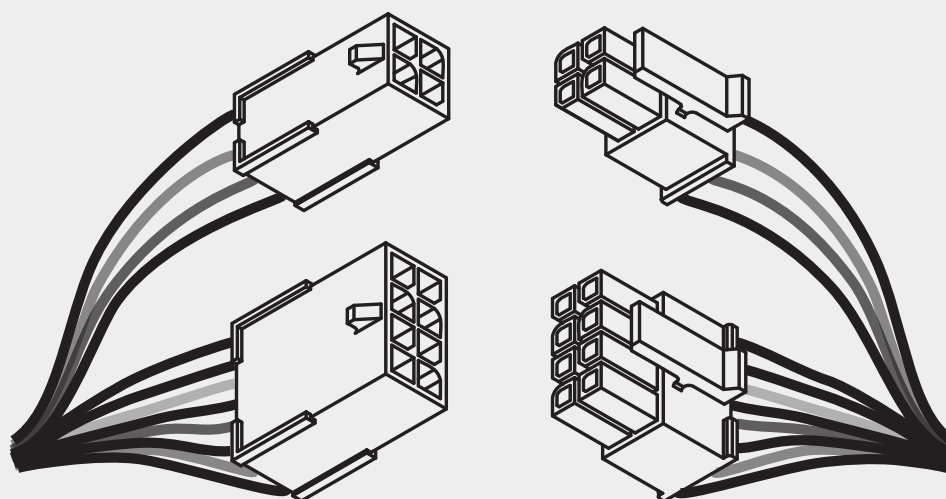


# Allegion Connect

Technical Manual



This manual covers the Allegion Connect products in multiple brands.  
See the table of contents to locate the desired brand information.

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## Overview

### Device

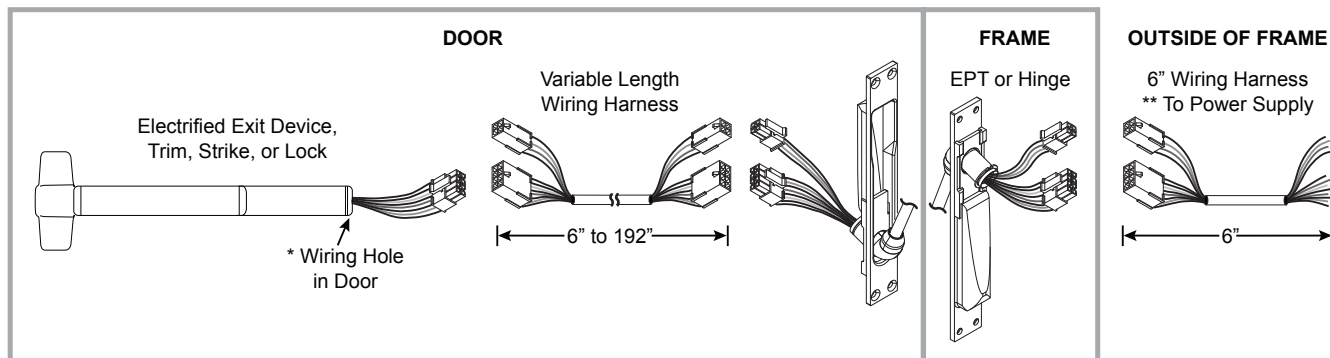
The electrified exit device, lock, trim, or strike is supplied with the Allegion Connect 8 pin and/or 4 pin connectors. In some cases an adapter is supplied and is shown in greater detail on the application pages of this manual.

### EPT or Hinge

The EPT or electrified hinge is supplied with Allegion Connect 8 pin and 4 pin connectors.

### Wiring Harnesses

The wiring harnesses have Allegion Connect 8 pin and 4 pin connectors on each end, or can be ordered with the connectors on one end only. One wiring assembly is used to connect the device to the EPT/hinge, and an additional wiring harness can be used to route from the EPT/hinge to locations outside of the frame.



\* 5/8" Wiring hole may need to be enlarged slightly to fit connector through door surface.

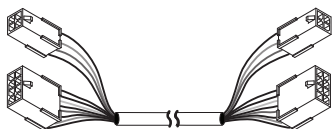
\*\* When installing EL devices or Chexit devices with EL solenoid, a PS914 power supply must be used with specific wire gauge and distance requirements for the two solenoid wires between frame and power supply. Refer to PS914 power supply installation instructions for more information.

## Wiring Harnesses

### Variable Length Harness

with connectors on both ends

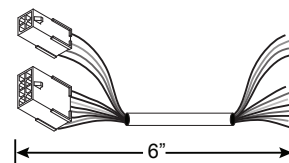
| PART NUMBER | TOTAL LENGTH |
|-------------|--------------|
| CON-6       | 6            |
| CON-12      | 12           |
| CON-26      | 26           |
| CON-32      | 32           |
| CON-38      | 38           |
| CON-44      | 44           |
| CON-50      | 50           |
| CON-192     | 192          |



### 6" Harness

6" with connectors on one end only (for connection to power supply)

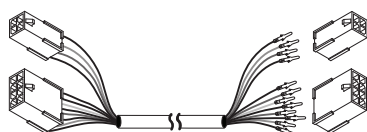
| PART NUMBER | TOTAL LENGTH |
|-------------|--------------|
| CON-6W      | 6            |



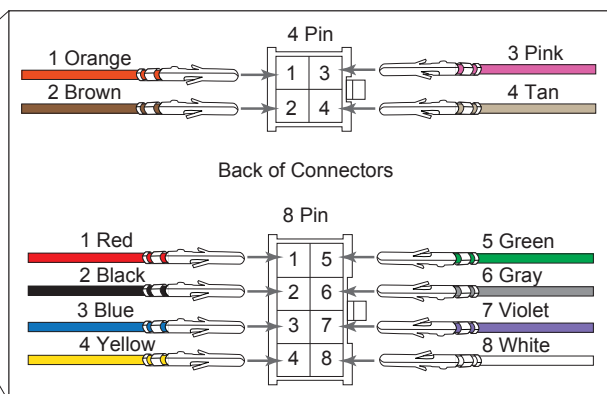
### Variable Length Harness

with connectors on one end / crimped pins on other end

| PART NUMBER | TOTAL LENGTH |
|-------------|--------------|
| CON-6P      | 6            |
| CON-12P     | 12           |
| CON-26P     | 26           |
| CON-32P     | 32           |
| CON-38P     | 38           |
| CON-44P     | 44           |
| CON-50P     | 50           |
| CON-192P    | 192          |

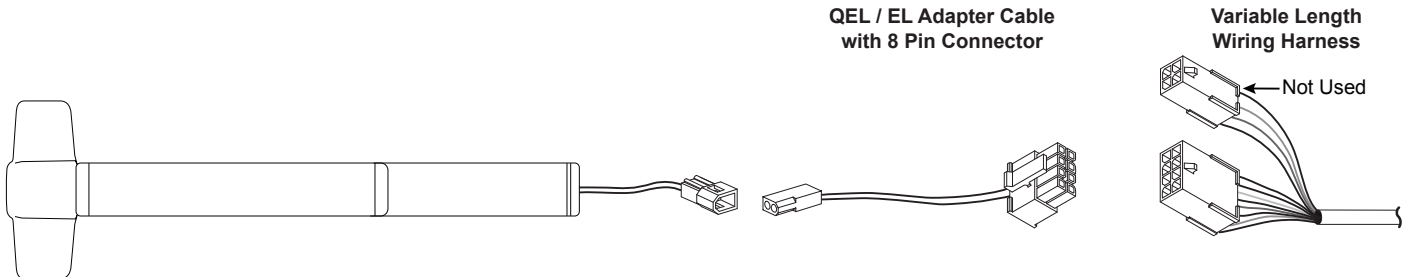


For use in tight fit applications such as routing through conduit.



QEL / EL Exit Device

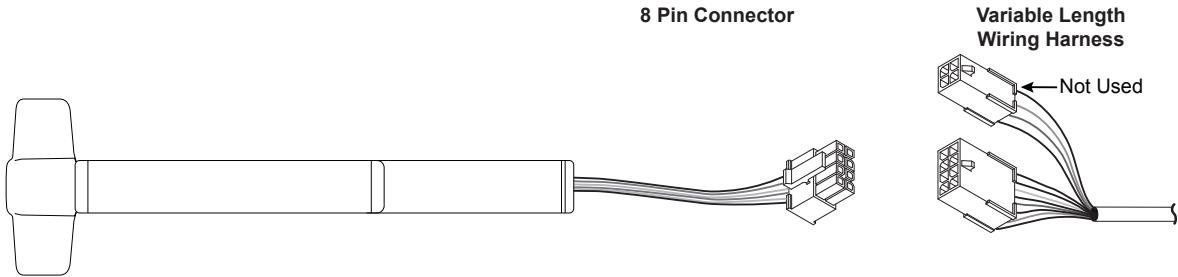
See page 3 for system overview and wiring harness usage. Colors shown below at wiring harness should remain consistent throughout the EPT or hinge and harness outside of frame.



|          | FUNCTION | WIRE COLOR | PIN |   | PIN | WIRE COLOR |
|----------|----------|------------|-----|---|-----|------------|
| QEL / EL | Power    | Black      | 1   | ⇒ | 1   | Red        |
|          | Power    | Black      | 2   |   | 2   | Black      |
| Not Used |          |            | 3   | ⇒ | 3   | Blue       |
|          |          |            | 4   |   | 4   | Yellow     |
|          |          |            | 5   |   | 5   | Green      |
|          |          |            | 6   |   | 6   | Gray       |
|          |          |            | 7   |   | 7   | Violet     |
|          |          |            | 8   |   | 8   | White      |

QEL / EL (RX / LX / RX-LX) Exit Device

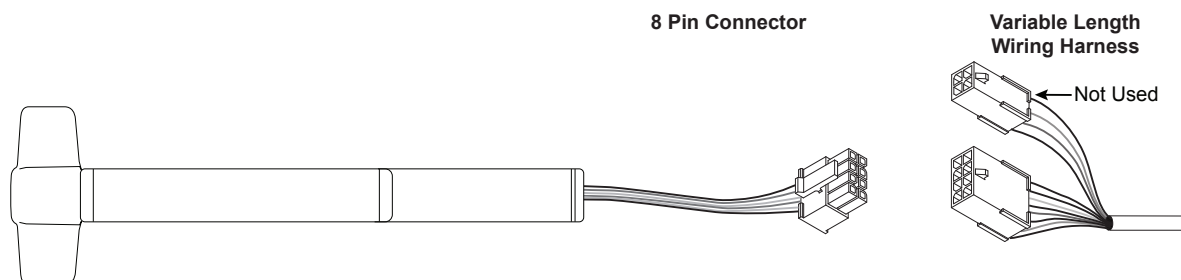
See page 3 for system overview and wiring harness usage. Colors shown below at wiring harness should remain consistent throughout the EPT or hinge and harness outside of frame.



|              | FUNCTION             | WIRE COLOR  | PIN |   | PIN | WIRE COLOR |
|--------------|----------------------|-------------|-----|---|-----|------------|
| QEL / EL     | Power                | Black       | 1   | ⇒ | 1   | Red        |
|              | Power                | Black       | 2   |   | 2   | Black      |
| RX/<br>RX-LC | Normally Open (NO)   | Blue        | 3   | ⇒ | 3   | Blue       |
|              | Normally Closed (NC) | Yellow      | 4   |   | 4   | Yellow     |
|              | Common (C)           | Red/Green   | 5   |   | 5   | Green      |
| LX/<br>LX-LC | Normally Open (NO)   | Gray        | 6   | ⇒ | 6   | Gray       |
|              | Normally Closed (NC) | Violet      | 7   |   | 7   | Violet     |
|              | Common (C)           | White/Black | 8   |   | 8   | White      |

## RX / LX / RX-LX Exit Device

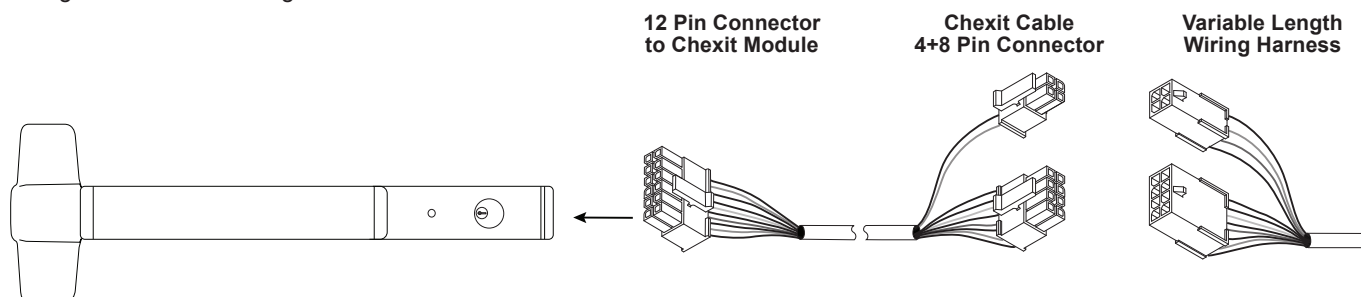
See page 3 for system overview and wiring harness usage. Colors shown below at wiring harness should remain consistent throughout the EPT or hinge and harness outside of frame.



|              | FUNCTION             | WIRE COLOR  | PIN |   | PIN | WIRE COLOR |
|--------------|----------------------|-------------|-----|---|-----|------------|
| Not Used     |                      |             | 1   |   | 1   | Red        |
|              |                      |             | 2   |   | 2   | Black      |
| RX/<br>RX-LC | Normally Open (NO)   | Blue        | 3   | → | 3   | Blue       |
|              | Normally Closed (NC) | Yellow      | 4   | → | 4   | Yellow     |
|              | Common (C)           | Red/Green   | 5   | → | 5   | Green      |
| LX<br>LX-LC  | Normally Open (NO)   | Gray        | 6   | → | 6   | Gray       |
|              | Normally Closed (NC) | Violet      | 7   | → | 7   | Violet     |
|              | Common (C)           | White/Black | 8   | → | 8   | White      |

## New CX (Chexit Exit Device) - 12 Pin Connector

See page 3 for system overview and wiring harness usage. Colors shown below at wiring harness should remain consistent throughout the EPT or hinge and harness outside of frame.



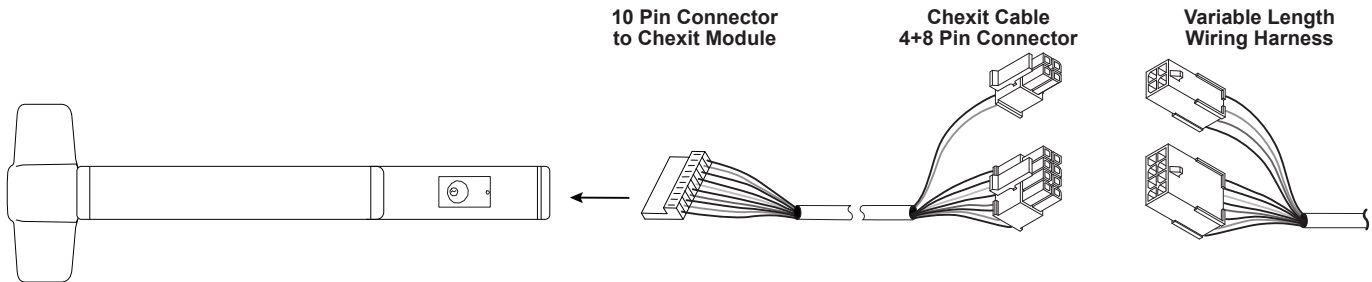
| FUNCTION                   |       | WIRE COLOR | PIN |   | PIN | WIRE COLOR |
|----------------------------|-------|------------|-----|---|-----|------------|
| Door Position Switch Input | DPS   | Orange     | 1   | → | 1   | Orange     |
| Alarm Relay Output         | NO/NC | Brown      | 2   | → | 2   | Brown      |
| Unused Wires               |       | Pink       | 3   | → | 3   | Pink       |
| Unused Wires               |       | Tan        | 4   | → | 4   | Tan        |

|                         |       |        |   |   |   |        |
|-------------------------|-------|--------|---|---|---|--------|
| Power Supply +24V Input | 24VDC | Red    | 1 | → | 1 | Red    |
| Power Supply Ground     | GND   | Black  | 2 | → | 2 | Black  |
| Alarm Relay Output      | COM   | Blue   | 3 | → | 3 | Blue   |
| Fire Alarm Input        | FA    | Yellow | 4 | → | 4 | Yellow |
| Inhibit Input           | INH   | Green  | 5 | → | 5 | Green  |
| Gang Input/Output       | GNG   | Gray   | 6 | → | 6 | Gray   |
| Secure Relay Output     | NO/NC | Violet | 7 | → | 7 | Violet |
| Secure Relay Output     | COM   | White  | 8 | → | 8 | White  |

Old CX (Chexit Exit Device) - 10 Pin Connector

See page 3 for system overview and wiring harness usage. Colors shown below at wiring harness should remain consistent throughout the EPT or hinge and harness outside of frame.



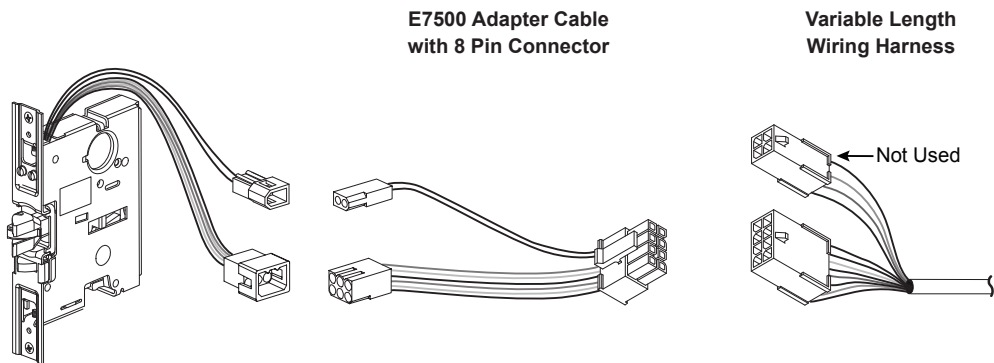
| FUNCTION                                                            |     | WIRE COLOR | PIN |   | PIN | WIRE COLOR |
|---------------------------------------------------------------------|-----|------------|-----|---|-----|------------|
| Door position switch input; 0 VDC = door open, 24 VDC = door closed | DPS | Orange     | 1   | → | 1   | Orange     |
| Normally open output; closes during alarm                           | NO  | Brown      | 2   | → | 2   | Brown      |
|                                                                     |     |            | 3   |   | 3   | Pink       |
|                                                                     |     |            | 4   |   | 4   | Tan        |

|                                                                          |     |        |   |   |   |        |
|--------------------------------------------------------------------------|-----|--------|---|---|---|--------|
| Power supply +24 VDC                                                     | +24 | Red    | 1 | → | 1 | Red    |
| Power supply ground                                                      | GND | Black  | 2 | → | 2 | Black  |
| Common for NO output; 24 VDC, 1 A maximum                                | C   | Blue   | 3 | → | 3 | Blue   |
| Fire alarm input; 0 VDC = fire, 24 VDC = no fire                         | FA  | Yellow | 4 | → | 4 | Yellow |
| External inhibit input; 0 VDC = Chexit inhibited, 24 VDC = Chexit active | EI  | Green  | 5 | → | 5 | Green  |
| Communication line; used to connect to Chexits                           | CM+ | Gray   | 6 | → | 6 | Gray   |
| Communication line; used to connect to Chexits                           | CM- | Violet | 7 | → | 7 | Violet |
| Signal common +24 VDC; can be used to power FA, DPS and EI inputs        | SC  | White  | 8 | → | 8 | White  |

E7500 Mortise Lock

See page 3 for system overview and wiring harness usage. Colors shown below at wiring harness should remain consistent throughout the EPT or hinge and harness outside of frame.

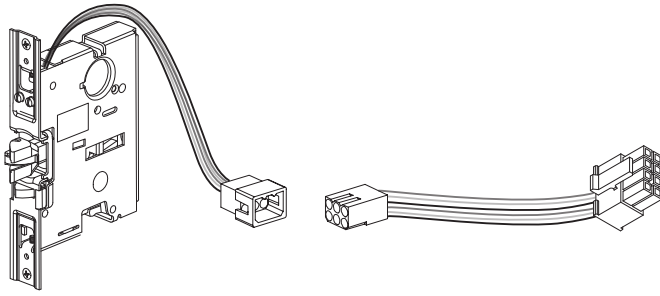


|                                                      | FUNCTION             | WIRE COLOR | PIN |   | PIN | WIRE COLOR |
|------------------------------------------------------|----------------------|------------|-----|---|-----|------------|
| <b>E7500 Solenoid</b>                                | Power                | Black      | 1   | → | 1   | Red        |
|                                                      | Power                | Black      | 2   | → | 2   | Black      |
| <b>S1- monitors auxiliary bolt and latch bolt</b>    | Normally Closed (NC) | Blue       | 3   | → | 3   | Blue       |
|                                                      | Normally Open (NO)   | Yellow     | 4   | → | 4   | Yellow     |
|                                                      | Common (C)           | Red        | 5   | → | 5   | Green      |
| <b>S2- monitors trim inputs (locked or unlocked)</b> | Normally Closed (NC) | Gray       | 6   | → | 6   | Gray       |
|                                                      | Normally Open (NO)   | Violet     | 7   | → | 7   | Violet     |
|                                                      | Common (C)           | White      | 8   | → | 8   | White      |

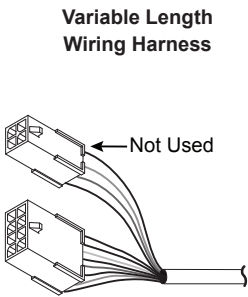
SS7500 Mortise Lock

See page 3 for system overview and wiring harness usage. Colors shown below at wiring harness should remain consistent throughout the EPT or hinge and harness outside of frame.

SS7500 Adapter Cable  
with 8 Pin Connector



Variable Length  
Wiring Harness

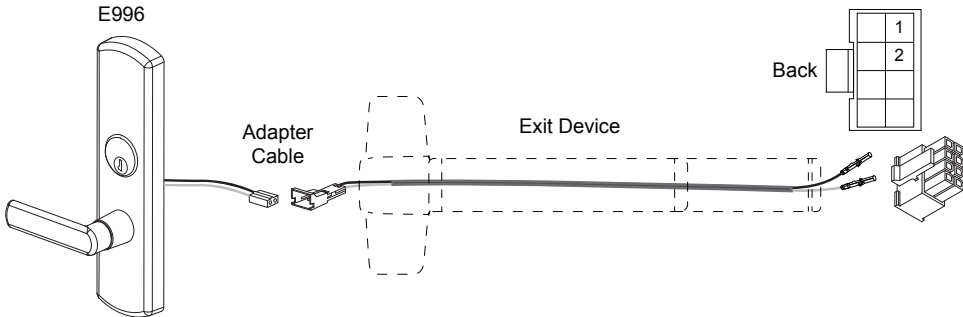


|                                                     | FUNCTION             | WIRE COLOR | PIN |          | PIN | WIRE COLOR |
|-----------------------------------------------------|----------------------|------------|-----|----------|-----|------------|
| Not Used                                            |                      |            | 1   | ➡➡➡➡➡➡➡➡ | 1   | Red        |
|                                                     |                      |            | 2   |          | 2   | Black      |
|                                                     |                      |            | 3   |          | 3   | Blue       |
| S1- monitors<br>auxiliary bolt and<br>latch bolt    | Normally Closed (NC) | Blue       | 4   |          | 4   | Yellow     |
|                                                     | Normally Open (NO)   | Yellow     | 5   |          | 5   | Green      |
|                                                     | Common (C)           | Red        | 6   |          | 6   | Gray       |
| S2- monitors trim<br>inputs (locked or<br>unlocked) | Normally Closed (NC) | Gray       | 7   |          | 7   | Violet     |
|                                                     | Normally Open (NO)   | Violet     | 8   |          | 8   | Violet     |
|                                                     | Common (C)           | White      |     |          | 8   | White      |

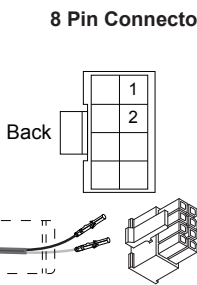
E996 Trim

See page 3 for system overview and wiring harness usage. Colors shown below at wiring harness should remain consistent throughout the EPT or hinge and harness outside of frame.

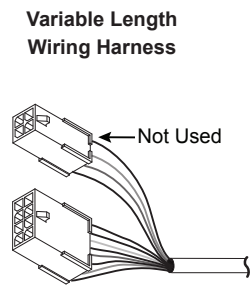
E996



8 Pin Connector



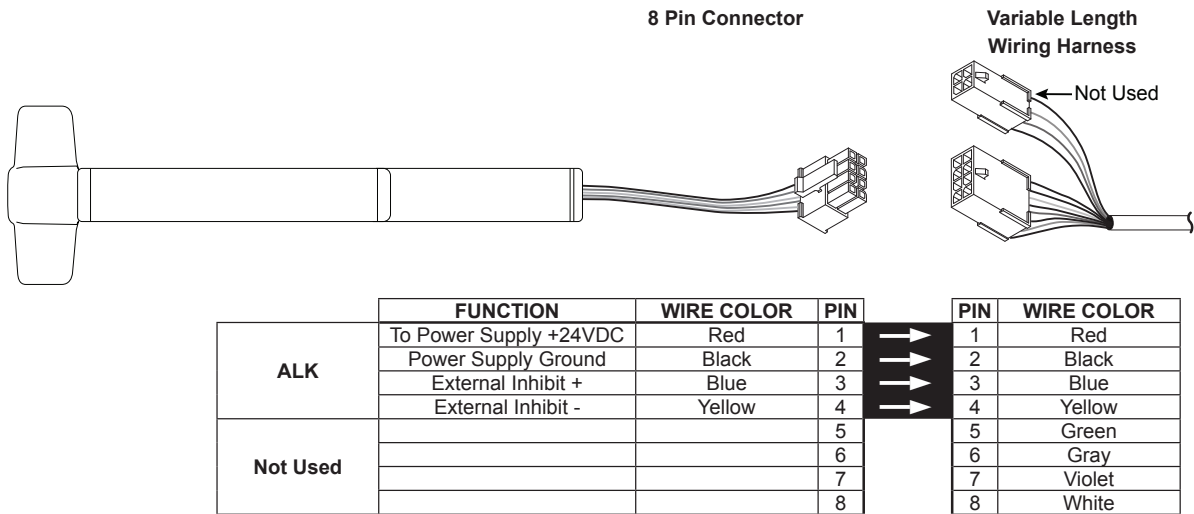
Variable Length  
Wiring Harness



|          | FUNCTION | WIRE COLOR | PIN |          | PIN    | WIRE COLOR |
|----------|----------|------------|-----|----------|--------|------------|
| E996     | Power    | White      | 1   | ➡➡➡➡➡➡➡➡ | 1      | Red        |
|          | Power    | Black      | 2   |          | 2      | Black      |
| Not Used |          |            | 3   | 3        | Blue   |            |
|          |          |            | 4   | 4        | Yellow |            |
|          |          |            | 5   | 5        | Green  |            |
|          |          |            | 6   | 6        | Gray   |            |
|          |          |            | 7   | 7        | Violet |            |
|          |          |            | 8   | 8        | White  |            |

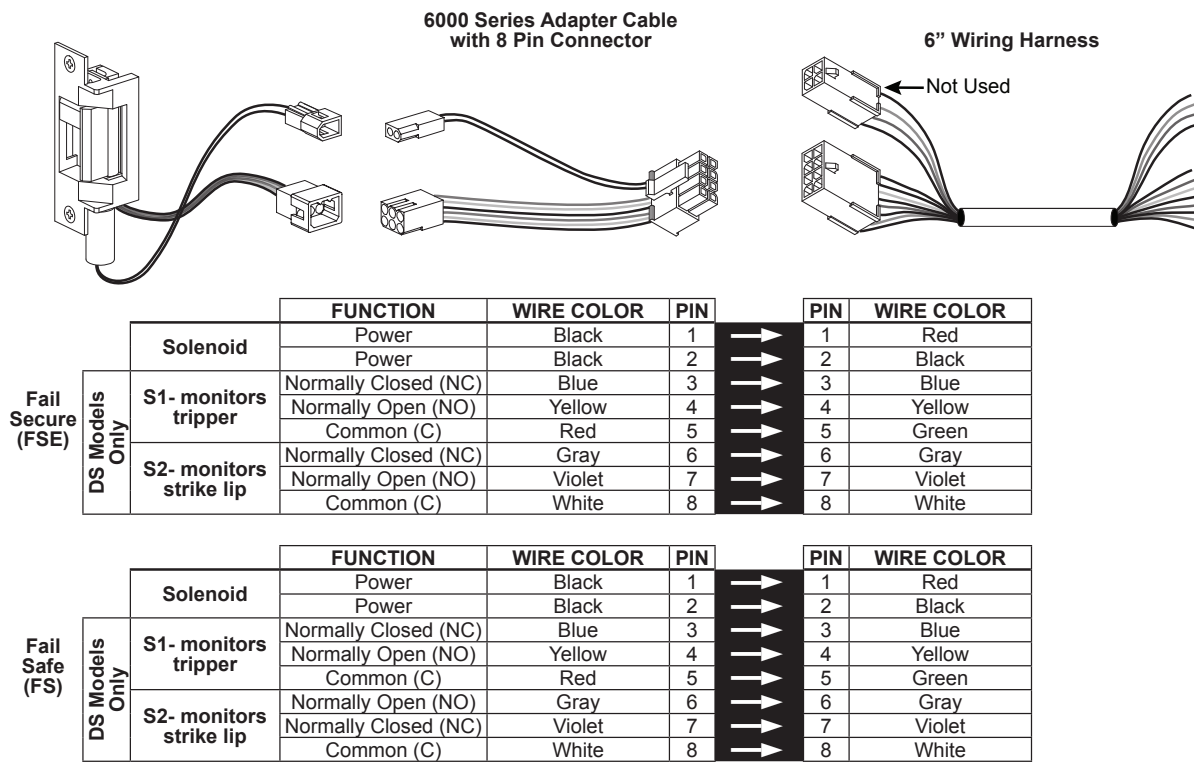
ALK Exit Device

See page 3 for system overview and wiring harness usage. Colors shown below at wiring harness should remain consistent throughout the EPT or hinge and harness outside of frame.



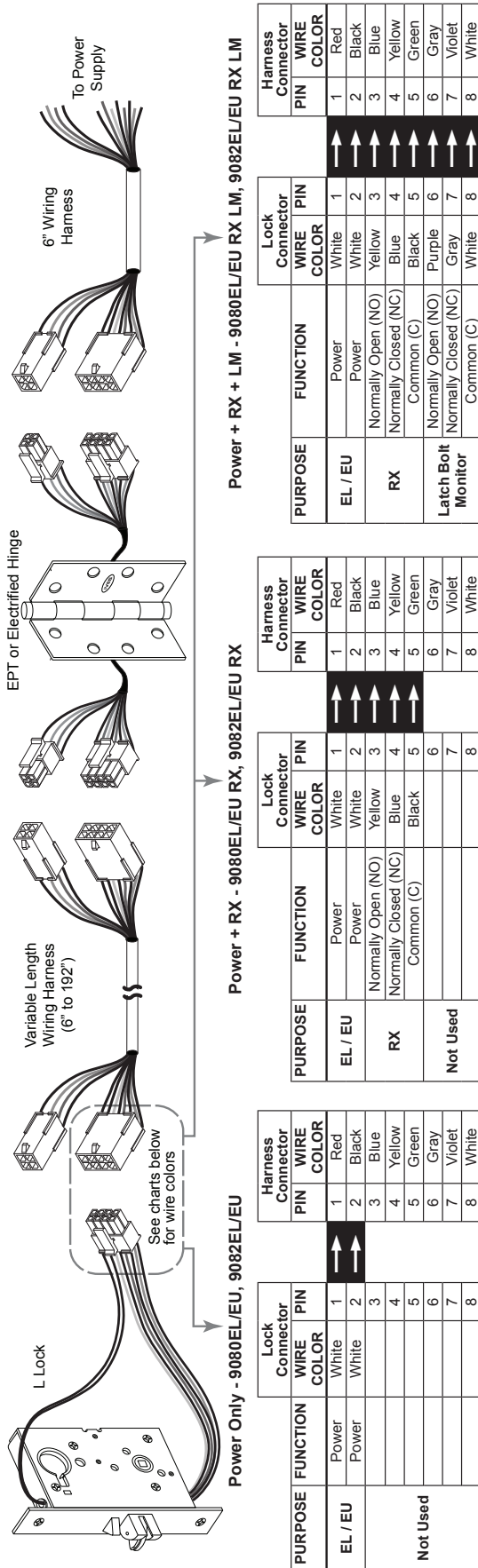
6000 Series Electric Strikes

See page 3 for system overview and wiring harness usage. Colors shown below at wiring harness should remain consistent throughout the EPT or hinge and harness outside of frame.

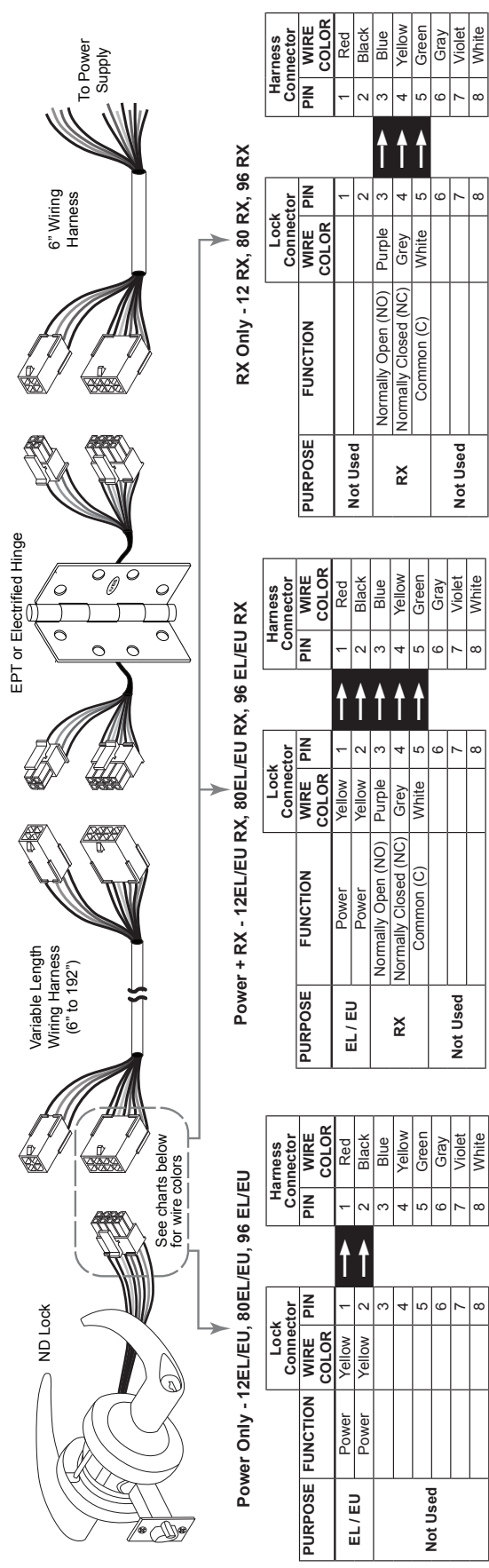




## L Series Locks



## ND Series Locks



Overview

Device

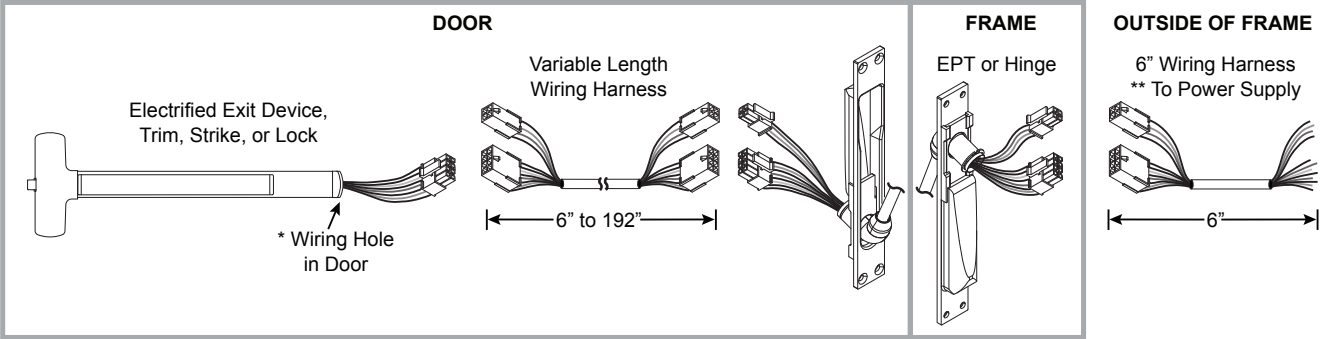
The electrified exit device, lock, trim, or strike is supplied with the Allegion Connect 8 pin and/or 4 pin connectors. In some cases an adapter is supplied and is shown in greater detail on the application pages of this manual.

EPT or Hinge

The EPT or Electrified Hinge is supplied with Allegion Connect 8 pin and 4 pin connectors.

Wiring Harnesses

The wiring harnesses have Allegion Connect 8 pin and 4 pin connectors on each end, or can be ordered with the connectors on one end only. One Wiring Assembly is used to connect the Device to the EPT/Hinge, and an additional Wiring harness can be used to route from the EPT/Hinge to locations outside of the frame.



\* 5/8" Wiring hole may need to be enlarged slightly to fit connector through door surface.  
\*\* When installing EL devices or Chexit devices with EL solenoid, a PS914 power supply must be used with specific wire gauge and distance requirements for the two solenoid wires between frame and power supply. Refer to PS914 power supply installation instructions for more information.

Wiring Harnesses

Variable Length Harness  
with connectors on both ends

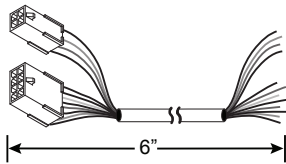
| PART NUMBER | TOTAL LENGTH |
|-------------|--------------|
| CON-6       | 6            |
| CON-12      | 12           |
| CON-26      | 26           |
| CON-32      | 32           |
| CON-38      | 38           |
| CON-44      | 44           |
| CON-50      | 50           |
| CON-192     | 192          |



6" Harness

6" with connectors on one end only (for connection to power supply)

| PART NUMBER | TOTAL LENGTH |
|-------------|--------------|
| CON-6W      | 6            |



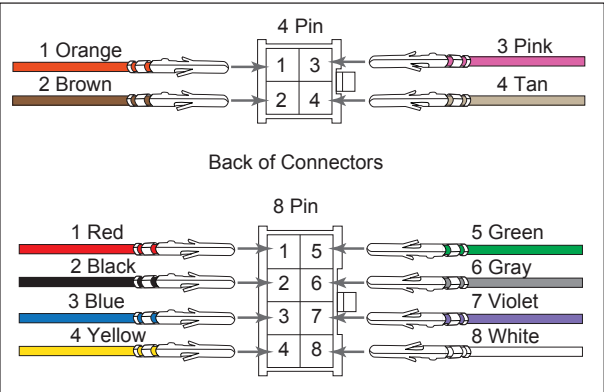
Variable Length Harness

with connectors on one end / crimped pins on other end

| PART NUMBER | TOTAL LENGTH |
|-------------|--------------|
| CON-6P      | 6            |
| CON-12P     | 12           |
| CON-26P     | 26           |
| CON-32P     | 32           |
| CON-38P     | 38           |
| CON-44P     | 44           |
| CON-50P     | 50           |
| CON-192P    | 192          |

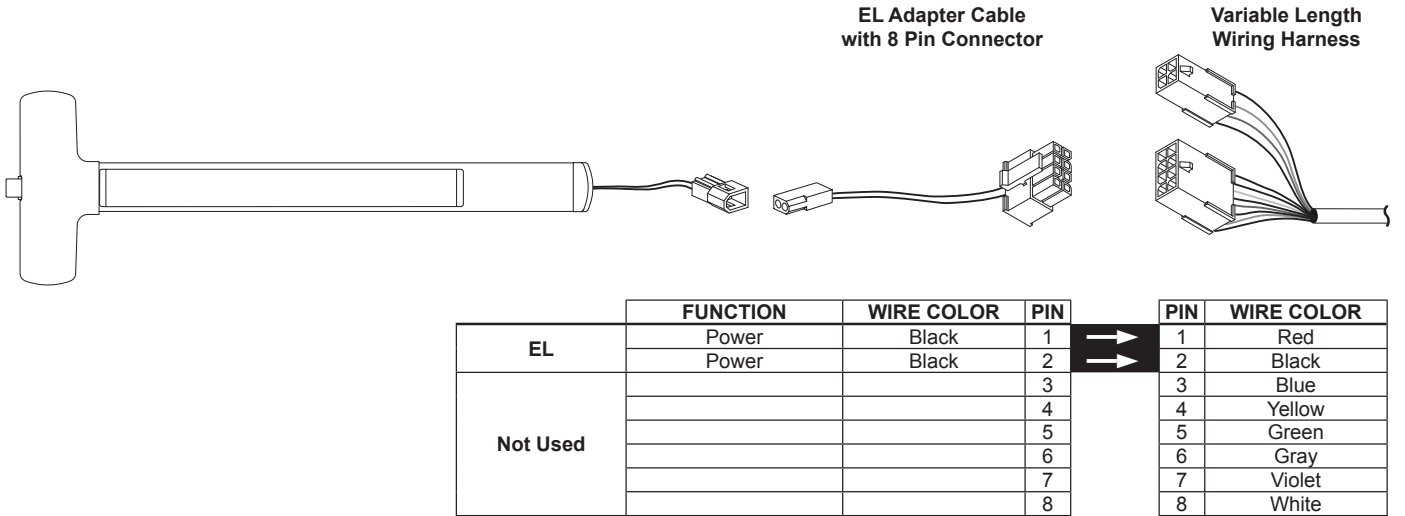


For use in tight fit applications such as routing through conduit.



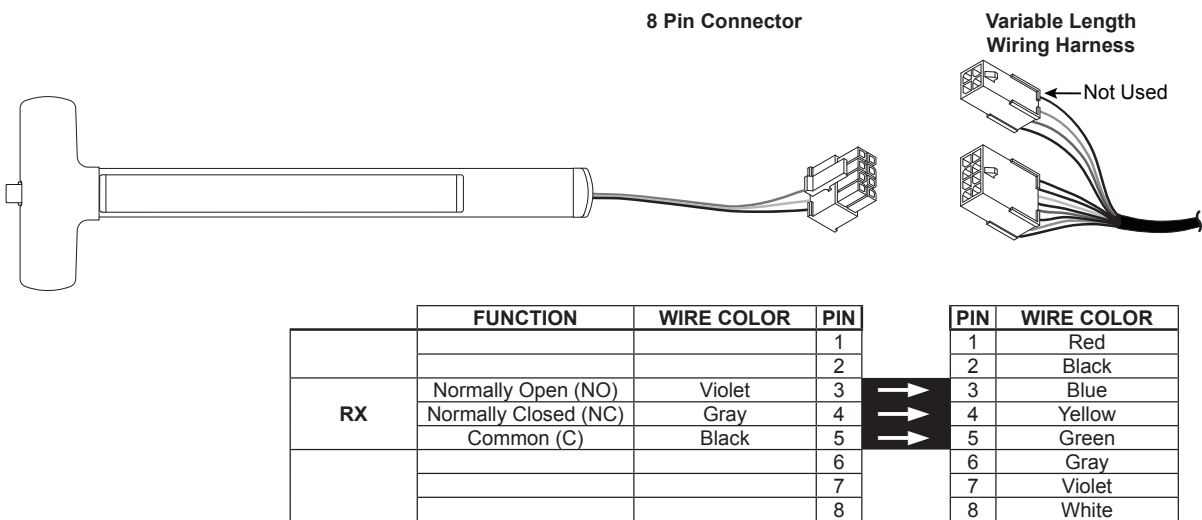
EL Exit Device

See page 10 for system overview and wiring harness usage. Colors shown below at wiring harness should remain consistent throughout the EPT or hinge and harness outside of frame.



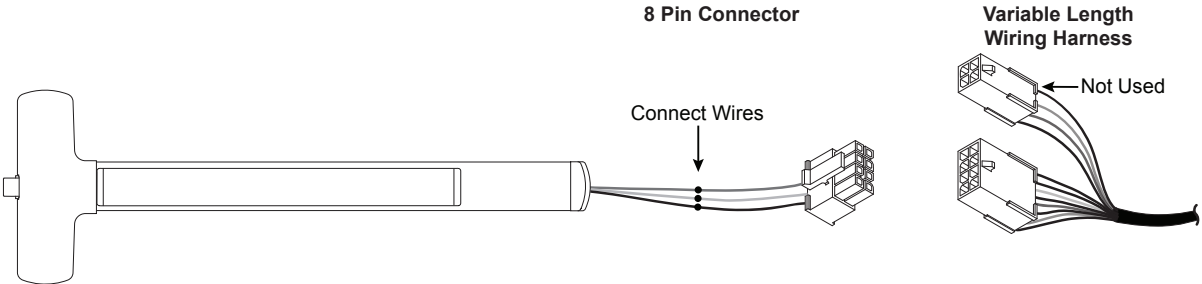
RX Exit Device

See page 10 for system overview and wiring harness usage. Colors shown below at wiring harness should remain consistent throughout the EPT or hinge and harness outside of frame.



LM Exit Device

See page 10 for system overview and wiring harness usage. Colors shown below at wiring harness should remain consistent throughout the EPT or hinge and harness outside of frame.

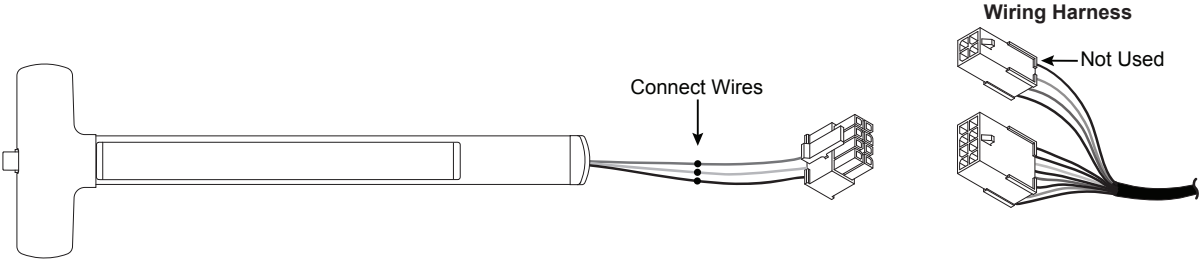


|    | FUNCTION             | WIRE COLOR | PIN |
|----|----------------------|------------|-----|
|    |                      |            | 1   |
|    |                      |            | 2   |
|    |                      |            | 3   |
|    |                      |            | 4   |
|    |                      |            | 5   |
| LM | Normally Open (NO)   | Gray       | 6   |
|    | Normally Closed (NC) | Violet     | 7   |
|    | Common (C)           | White      | 8   |

| PIN | WIRE COLOR |
|-----|------------|
| 1   | Red        |
| 2   | Black      |
| 3   | Blue       |
| 4   | Yellow     |
| 5   | Green      |
| 6   | Gray       |
| 7   | Violet     |
| 8   | White      |

DM Exit Device

See page 10 for system overview and wiring harness usage. Colors shown below at wiring harness should remain consistent throughout the EPT or hinge and harness outside of frame.

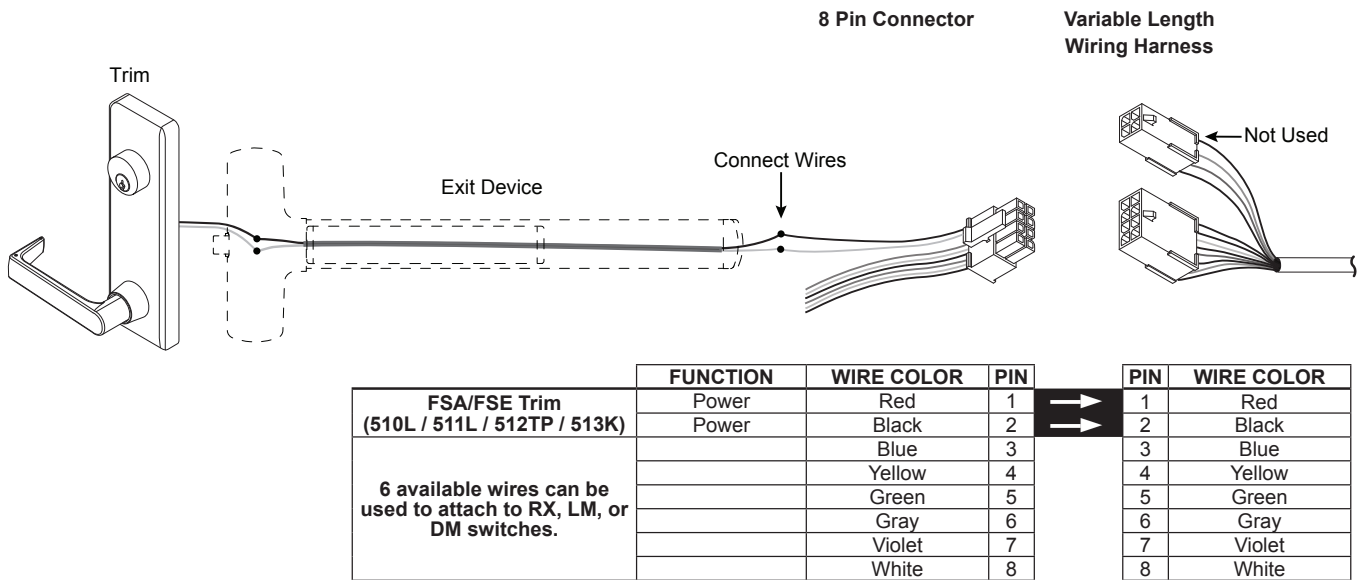


|    | FUNCTION             | WIRE COLOR | PIN |
|----|----------------------|------------|-----|
|    |                      |            | 1   |
|    |                      |            | 2   |
|    |                      |            | 3   |
|    |                      |            | 4   |
|    |                      |            | 5   |
| DM | Normally Open (NO)   | Gray       | 6   |
|    | Normally Closed (NC) | Violet     | 7   |
|    | Common (C)           | White      | 8   |

| PIN | WIRE COLOR |
|-----|------------|
| 1   | Red        |
| 2   | Black      |
| 3   | Blue       |
| 4   | Yellow     |
| 5   | Green      |
| 6   | Gray       |
| 7   | Violet     |
| 8   | White      |

FSA/FSE Trim (510L / 511L / 512TP / 513K)

See page 10 for system overview and wiring harness usage. Colors shown below at wiring harness should remain consistent throughout the EPT or hinge and harness outside of frame.



T-Series Electrified Lock

Electrical Specifications:

- Fail Safe/Fail Secure
- .65 AMP @ 12 VDC
- .32 AMP @ 24 VDC

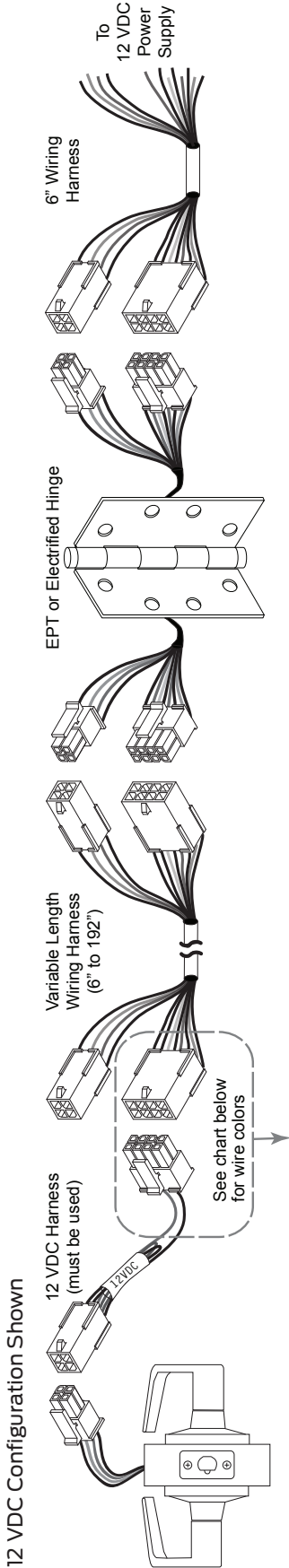
T851 Storeroom Fail Safe:

Deadlocking latch bolt operated by lever from either side, except when outer lever is electrically locked. When outer lever is locked (inoperable), latch bolt retracted by key in cylinder outside. Inside lever is always free.

T881 Storeroom Fail Secure:

Deadlocking latch bolt operated by lever inside at all times. Outside lever is inoperable until electrically unlocked, then latch bolt is operable from either side. When outside lever is inoperable, latch bolt retracted by key in cylinder outside.

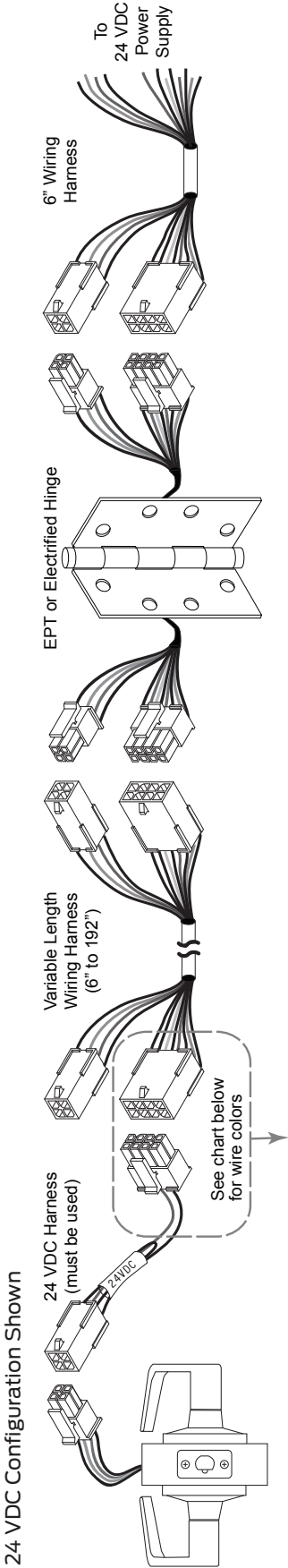
Typical Wiring Diagram DC Lock



Power Only - T851, T881

| PURPOSE  | FUNCTION | Lock Connector |     | Harness Connector |     |
|----------|----------|----------------|-----|-------------------|-----|
|          |          | WIRE COLOR     | PIN | WIRE COLOR        | PIN |
| EL / EU  | Power    | Red            | 1   | Red               | 1   |
|          | Power    | Black          | 2   | Black             | 2   |
| Not Used |          |                | 3   | Blue              | 3   |
|          |          |                | 4   | Yellow            | 4   |
|          |          |                | 5   | Green             | 5   |
|          |          |                | 6   | Gray              | 6   |
|          |          |                | 7   | Violet            | 7   |
|          |          |                | 8   | White             | 8   |

Typical Wiring Diagram DC Lock



Power Only - T851, T881

| PURPOSE  | FUNCTION | Lock Connector |     | Harness Connector |     |
|----------|----------|----------------|-----|-------------------|-----|
|          |          | WIRE COLOR     | PIN | WIRE COLOR        | PIN |
| EL / EU  | Power    | Red            | 1   | Red               | 1   |
|          | Power    | Black          | 2   | Black             | 2   |
| Not Used |          |                | 3   | Blue              | 3   |
|          |          |                | 4   | Yellow            | 4   |
|          |          |                | 5   | Green             | 5   |
|          |          |                | 6   | Gray              | 6   |
|          |          |                | 7   | Violet            | 7   |
|          |          |                | 8   | White             | 8   |

MA-Series Electrified Lock

Electrical Specifications:

- Fail Safe/Fail Secure
- .65 AMP @ 12 VDC
- .32 AMP @ 24 VDC

MA851 Storeroom Fail Safe/Electrified EL:

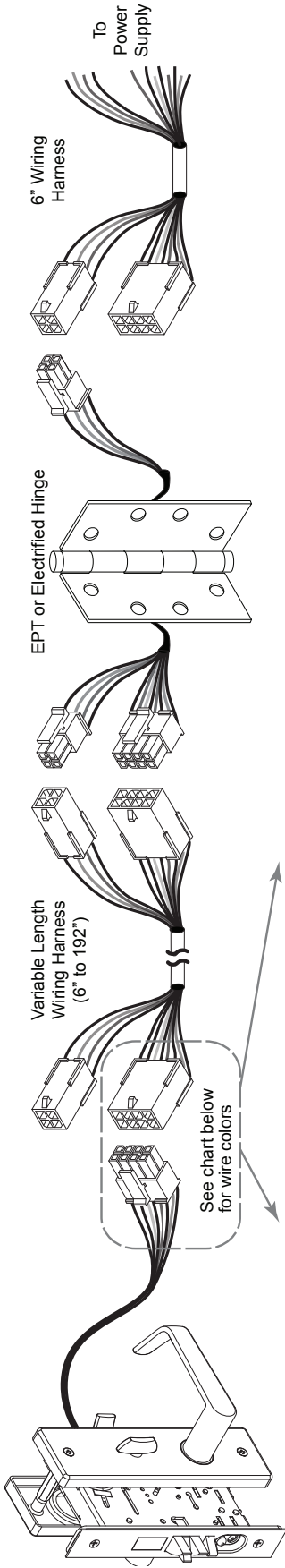
Outside lever continuously locked by 12 or 24 VDC. Latchbolt retracted by key outside or by lever inside. Switch or power failure allows outside lever to retract latch bolt. Auxiliary latch dead locks latch bolt when door is closed. Inside lever is always free for immediate exit.

MA881 Storeroom Fail Secure/Eletrified EU:

Outside lever unlocked by 12 or 24 VDC. Latchbolt retracted by key outside or by lever inside. Auxiliary latch dead locks latch bolt when door is close. Inside lever is always free for immediate exit.

Typical Wiring Diagram DC Lock

- 12 VDC Configuration (2 Black Power Wires)
- 24 VDC Configuration (2 White Power Wires)



Power Only - MA851, MA881

| PURPOSE  | FUNCTION | Lock Connector |     | Harness Connector |     |
|----------|----------|----------------|-----|-------------------|-----|
|          |          | WIRE COLOR     | PIN | WIRE COLOR        | PIN |
| EL / EU  | Power    | Black/White    | 1   | Red               | 1   |
|          | Power    | Black/White    | 2   | Black             | 2   |
|          |          |                | 3   | Blue              | 3   |
| Not Used |          |                | 4   | Yellow            | 4   |
|          |          |                | 5   | Green             | 5   |
|          |          |                | 6   | Gray              | 6   |
|          |          |                | 7   | Violet            | 7   |
|          |          |                | 8   | White             | 8   |

MA851-RX, MA881-RX

| PURPOSE  | FUNCTION      | Lock Connector |     | Harness Connector |     |
|----------|---------------|----------------|-----|-------------------|-----|
|          |               | WIRE COLOR     | PIN | WIRE COLOR        | PIN |
| EL / EU  | Power         | Black/White    | 1   | Red               | 1   |
|          | Power         | Black/White    | 2   | Black             | 2   |
| RX       | Case Side NO  | Green          | 3   | Blue              | 3   |
|          | Case Side NC  | Orange         | 4   | Yellow            | 4   |
|          | Common        | Yellow         | 5   | Green             | 5   |
|          | Cover Side NO | Gray           | 6   | Gray              | 6   |
|          | Cover Side NC | Red            | 7   | Violet            | 7   |
| Not Used |               |                | 8   | White             | 8   |



Architectural Hinge: TW8 and TW12 (for Continuous Hinge, see next page)

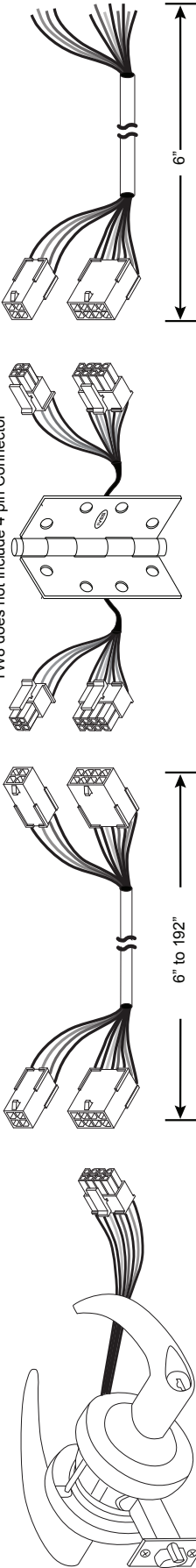
The TW12 Electrified Hinge is supplied with Allegion Connect 8 pin and 4 pin connectors. The TW8 Electrified Hinge is supplied with Allegion Connect 8 pin connectors.

Electrified Exit Device,  
Trim, Strike, or Lock

Variable Length  
Wiring Harness

Electrified Hinge with  
12 Pin Connectors

To Power Supply



| TW12       |     | TW8        |     | TW12                     |     | TW8                       |     |
|------------|-----|------------|-----|--------------------------|-----|---------------------------|-----|
| WIRE COLOR | PIN | WIRE COLOR | PIN | 8 WIRE HINGE WIRE COLORS | PIN | 12 WIRE HINGE WIRE COLORS | PIN |
| Red        | 1   | Red        | 1   | Red                      | 1   | Orange                    | 1   |
| Black      | 2   | Black      | 2   | Yellow                   | 2   | White / Yellow            | 2   |
| Blue       | 3   | Blue       | 3   | Violet                   | 3   | White / Violet            | 3   |
| Yellow     | 4   | Yellow     | 4   | Gray                     | 4   | White / Red               | 4   |
| Green      | 5   | Green      | 5   | White / Red              | 5   |                           |     |
| Gray       | 6   | Gray       | 6   | White / Yellow           | 6   |                           |     |
| Violet     | 7   | Violet     | 7   | White / Violet           | 7   |                           |     |
| White      | 8   | White      | 8   | White / Gray             | 8   | White / Gray              | 8   |

NOTE: When installing EL exit devices, a PS914 power supply must be used with specific wire gauge and distance requirements between frame and power supply. Refer to PS914 power supply installation instructions for more information.

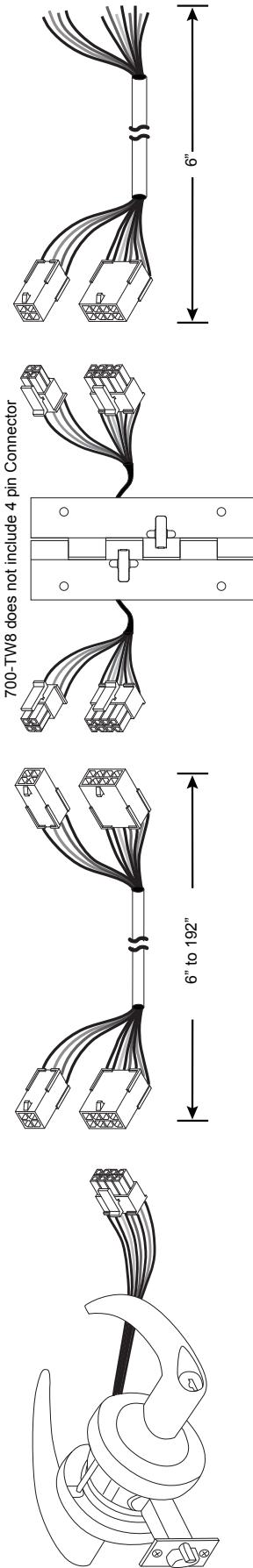
Continuous Hinge: 700-TW8 and 700CS-TWP

The 700CS-TWP is supplied with Allegion Connect 8 pin and 4 pin connectors. The 700-TW8 is supplied with Allegion Connect 8 pin connectors.

Electrified Exit Device, Trim, Strike, or Lock

Variable Length Wiring Harness

To Power Supply

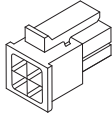


| 700CS-TWP | WIRE COLOR | PIN | PIN | 700-TW8 WIRE COLORS | 700CS-TWP WIRE COLORS    | PIN | PIN | WIRE COLOR |
|-----------|------------|-----|-----|---------------------|--------------------------|-----|-----|------------|
|           |            |     |     |                     |                          |     |     |            |
| 700-TW8   | Red        | 1   | ↑   |                     | Orange                   | 1   | ↑   | Red        |
|           | Black      | 2   | ↑   |                     | Brown                    | 2   | ↑   | Black      |
|           | Blue       | 3   | ↑   |                     | Red with Yellow Stipe    | 3   | ↑   | Blue       |
|           | Yellow     | 4   | ↑   |                     | Black with Yellow Stripe | 4   | ↑   | Yellow     |
|           |            |     |     |                     |                          |     |     |            |
|           | Red        | 1   | ↑   | Red                 | Red                      | 1   | ↑   | Red        |
|           | Black      | 2   | ↑   | Black               | Black                    | 2   | ↑   | Black      |
|           | Blue       | 3   | ↑   | Blue                | Blue                     | 3   | ↑   | Blue       |
| 700CS-TWP | Yellow     | 4   | ↑   | Yellow              | Yellow                   | 4   | ↑   | Yellow     |
|           | Green      | 5   | ↑   | Green               | Green                    | 5   | ↑   | Green      |
|           | Gray       | 6   | ↑   | Orange              | Gray                     | 6   | ↑   | Gray       |
|           | Violet     | 7   | ↑   | Violet              | Violet                   | 7   | ↑   | Violet     |
|           | White      | 8   | ↑   | White               | White                    | 8   | ↑   | White      |
|           |            |     |     |                     |                          |     |     |            |
|           |            |     |     |                     |                          |     |     |            |
|           |            |     |     |                     |                          |     |     |            |

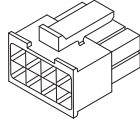
NOTE: When installing EL exit devices, a PS914 power supply must be used with specific wire gauge and distance requirements between frame and power supply. Refer to PS914 power supply installation instructions for more information.

# Connector Kit

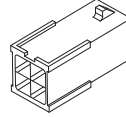
## Included in Kit:



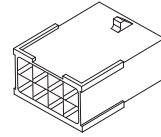
4-pin Male Connectors  
(Qty. 10)



8-pin Male Connectors  
(Qty. 10)



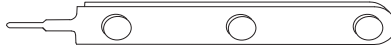
4-pin Female Connectors  
(Qty. 10)



8-pin Female Connectors  
(Qty. 10)



Female Terminals  
(Qty. 100)



Extraction Tool  
See Back Side of Sheet for Instructions



Male Terminals  
(Qty. 100)

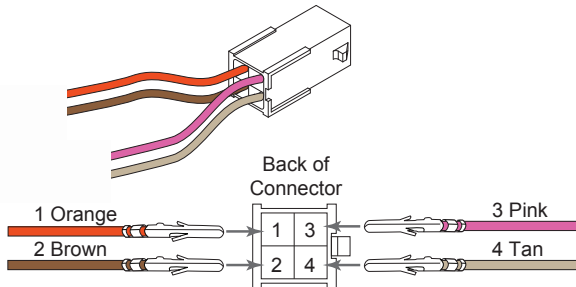
## Not Included in Kit:

Crimping Tool

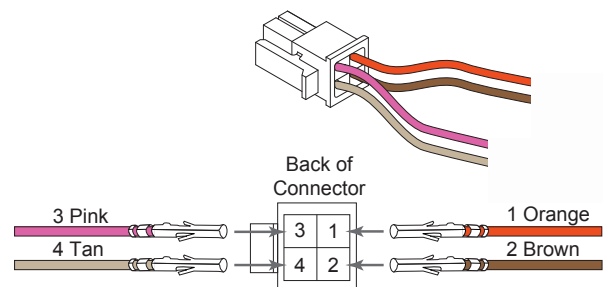
Can be purchased (Molex part number 63819-0000)  
This will be required to install pins on loose wires

## Wire Color to Pin Alignment

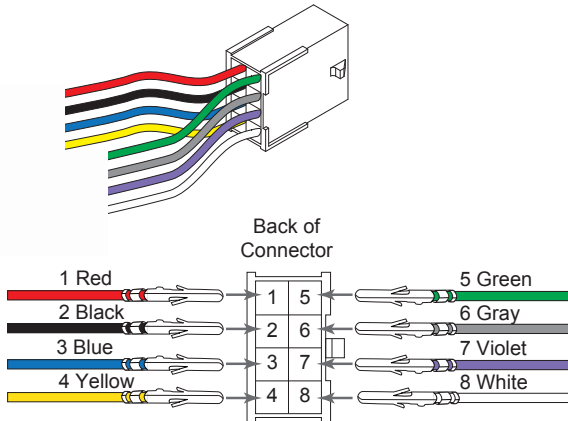
### 4 Pin Female



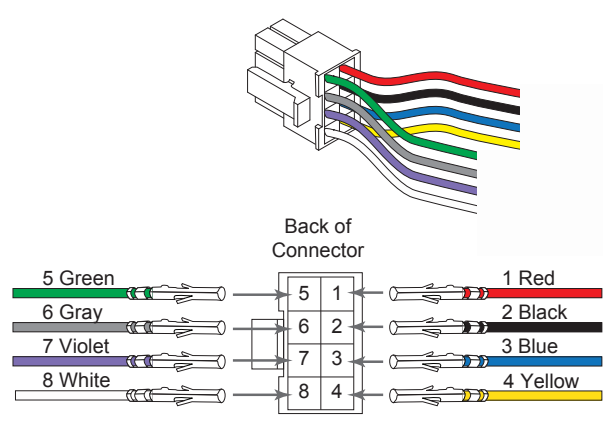
### 4 Pin Male



### 8 Pin Female

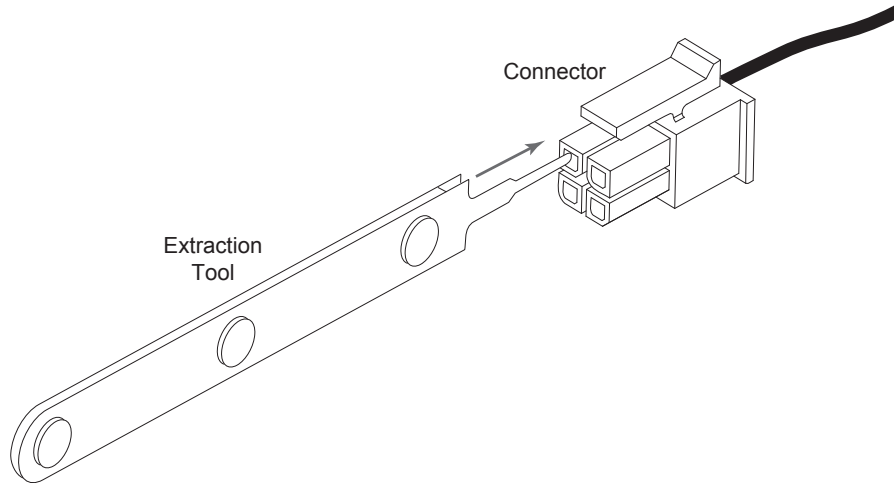


### 8 Pin Male



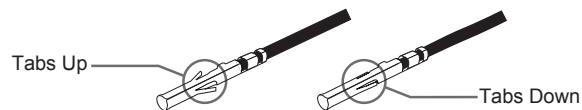
### Extraction Tool Instructions

- 1 Insert extractor tool tip into front of connector on either side of the terminal until it stops.



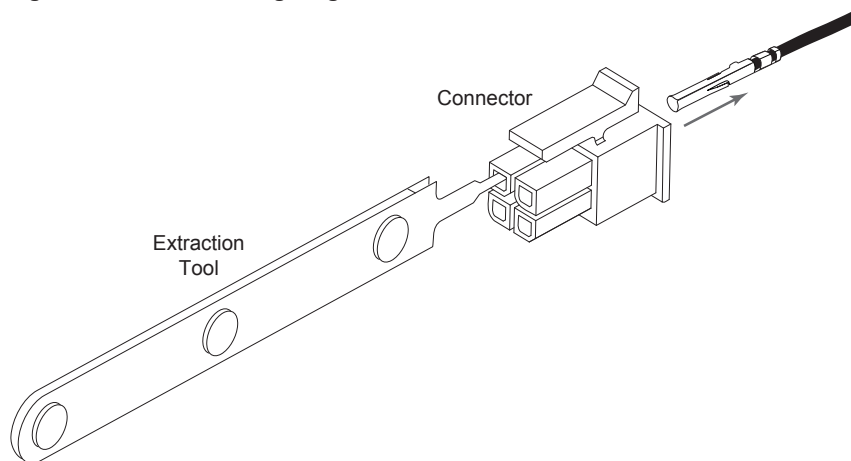
- 2 Rotate tool clockwise then counter-clockwise approximately  $25^{\circ}$  to  $30^{\circ}$  in each direction, once or twice.

- 3 Repeat steps 1 and 2 on the opposite side of terminal until tabs are bent down.



- 4 Pull wire out of back of connector housing.

**NOTE: Removal damages the terminal locking tangs and is not reusable.**



## About Allegion

Allegion (NYSE: ALLE) creates peace of mind by pioneering safety and security. As a \$2 billion provider of security solutions for homes and businesses, Allegion employs more than 8,000 people and sells products in more than 120 countries across the world. Allegion comprises 27 global brands, including strategic brands CISA®, Interflex®, LCN®, Schlage® and Von Duprin®.

For more, visit [www.allegion.com](http://www.allegion.com).

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