

i-Sensor/OA-203/OA-202 Connection Matrix

If you do not see your model operator listed below, contact Optex technical support at (800)877-6656.

i-Sensor Wire Colors

| Manufacturer | YELLOW | | WHITE | GRAY | GREEN | Installation Notes |
|---------------------------------------|--|--|--|--|-------------|---|
| | Activation N/O | | Common | Power | Act. N/C | |
| | Interior | Exterior | Int. & ext. | Int. & ext. | Int. & ext. | |
| Besam | | | | | | |
| 3000 | Pin 17 | Pin 19 | Pin 18 or 20 | 12-24 VAC XFMR | Not Used | |
| 4000 | TB1 Pin 5 | TB1 Pin 7 | TB1 Pin 6 or 8 | TB1 Pins 1 & 2 | Not Used | For One-Way traffic must Install Jumper wire from pin 7 to pin 19 |
| AMD1 | TB1 Pin 2 | TB1 Pin 4 | TB1 Pin 6 or 11 or 16 | TB1 Pins 1 & 6 | Not Used | For One-Way traffic must Install Jumper wire from pin 4 to pin 9 |
| AMD2 | TB1 Pin 13 | TB1 Pin 12 | TB1 Pin 1 or 5 or 11 | TB1 Pins 10 & 11 | Not Used | For One-Way traffic must Install Jumper wire from pin 9 to pin 12 |
| UNISLIDE | TB1 Pin 2 | TB1 Pin 5 | TB1 Pin 1 or 4 or 10 | TB1 Pins 1 & 3 | Not Used | For One-Way traffic must Install Jumper wire from pin 5 to pin 12 |
| Dorma | | | | | | |
| ESA - I | Sensor Interface Board pin 5 | Sensor Interface Board pin 6 | Sensor Interface Board pin 4 | Sensor Interface Board pin 1 & 3 | Not Used | |
| ESA - II | Pin 18 | Pin 15 | Int. pin 19, Ext. pin 16 | Int. Pins 17&19, Ext. Pins 14&16 | Not Used | Jumpers must be in place on pins 21 to 23 & 26 to 28. |
| Doromatic | | | | | | |
| ASTROSLIDE 70598-900 Control | Brown wire of 4 pin connector, or, Black wire of toggle switch | Brown wire of 4 pin connector, or, Black wire of toggle switch | Other Brown wire of 4 pin connector, or, White wire of toggle switch | 12-24 VAC XFMR | Not Used | For activation, can use Black (ACT) and White (COM) wires of toggle switch 81890-900 or 81895-900. Otherwise use brown wires of 4 pin connector that has Brown and Yellow wires. |
| 96K | Terminal strip Red wire | Terminal strip Green wire | Terminal strip, Int.- Orange wire, Ext.- Red/Blk wire | Terminal strip Black wire & White wire. ** See Notes ** | Not Used | Terminal strip has two sets of Black and White wires. One set is breakout switch. Other set is aprox 17 VAC for sensor power. Wires from terminal strip terminate at J2 on control box. |
| Gil Dor | | | | | | |
| SLM | Pin 9 | Pin 10 | Pin 8 | Pin 6 & 7 | Not Used | |
| Gyrotech/NABCO | | | | | | |
| 1100/Whisper Slide | Red wire pin 3 | Red wire pin 3 | Black wire pin 4 | 12-24 VAC XFMR | Not Used | |
| 1100 W/R-321UL | White wire pin 3 | White wire pin 3 | Blue wire pin 1 | 12-24 VAC XFMR | Not Used | |
| 1175, U-## control | Black wire (61) | Orange wire (62) | Red wire (7) | Brown wire (9) & Red wire (7) | Not Used | |
| Horton | | | | | | |
| 2160 Control | Black wire pin 1 | Black wire pin 1 | White wire pin 2 | Red wire pin4 & White wire pin2 | Not Used | |
| 2150 Control | Pin 2 | Pin 3 | Pin 4 | Aux 24 VAC on 2 pin connector labeled CN-3 on Power Supply | Not Used | erratic performance may occur when using 24 VDC from 2150 control. Highly recommend using 24 VAC from CN-3 on P/S. |
| Keane Monroe | | | | | | |
| 1100 | 6 pin terminal strip, red wire | 6 pin terminal strip, red wire | 6 pin terminal strip green wire | red wires from XFMR secondary (24 VAC) | Not Used | |
| 5100 | Pin 23 | Pin 3 | Int. pin 22, Ext. pin 2 | Int. pins 21 & 22, Ext. pins 1 & 2 | Not Used | Door open signal provided by connecting pin 3 or 23 to +24vdc. |
| Stanley | | | | | | |
| Dura Glide: | | | | | | |
| Old style interface board (hard wire) | Pin 23 | Pin 13 | Int. pin 22, Ext. pin 12 | Pins 10 & 11 OR Pins 20 & 21 | Not Used | Pins 10 & 11 = 12 VAC, or, Pins 20 & 21 = 12 VAC. |
| New style interface board | TB2 pin 4 | TB2 pin 8 | Int. TB2 pin 3, Ext. TB2 pin 7 | TB2 pins 5 & 6 | Not Used | TB2 pins 1 & 2 = 12 VAC, or, TB2 pins 5 & 6 = 12 VAC |
| MC 521 Control | TB4 pin 4 | TB4 pin 8 | Int. TB4 pin 3, Ext. TB4 pin 7 | TB4 pins 5 & 6 | Not Used | TB4 pins 5 & 6 = 12 VAC |
| Tormax | | | | | | |
| TLP/TCP 51LC | TB-C pin 2 | TB-C pin 4 | Int. TB-C pin 1, Ext. TB-C pin 3 | TB-C pins 5 & 6 | Not Used | |
| TEP/TCP 51 & TXP/TCP 101 | TB-C pin 2 | TB-C pin 7 | Int. TB-C pin 1, Ext. TB-C pin 6 | TB-C pins 5 & 6 | Not Used | |