



THE DUCT-O-WIRE® ADVANTAGE

Collision Avoidance Systems



Pictures are for illustration purposes and may not represent actual product.

- Crane to Crane Separation
- Runway End Sensing
- Reliable Repetitive Action
- One or Two Event Outputs
- Easy Field Installation
- Applications from 3 to 100 Feet



WARNING

MAKE CERTAIN POWER SUPPLY IS DISCONNECTED BEFORE INSTALLING, REPAIRING, OR WORKING IN THE PROXIMITY OF ANY ELECTRICAL SYSTEM. ONLY QUALIFIED ELECTRICAL PERSONNEL SHOULD INSTALL OR REPAIR THESE PRODUCTS.

Duct-O-Wire® Company reserves the right to alter or amend technical specifications at any time with or without notice.

1351 W. Second Street
 Oconomowoc, Wisconsin 53066
 Phone: 262-567-2288 • 800-434-0062
 Fax: 262-567-0857
 Email: sales@ductowire.com

1445 Norjohn Ct., Unit 10
 Burlington, ON L7L 0E6, Canada
 Phone: 905-331-2612 • 800-361-WIRE (9473)
 Fax: 905-331-6639 • 800-663-0933
 Email: dow@ductowire.ca



Collision Avoidance Systems



CAS-1RA-O

SINGLE EVENT L.E.D. OPTIC SENSOR KIT

- Single Event L.E.D. Reflective Sensing Kit from 3 to 30 Feet for Crane to Crane Separation and End Stop Collision Avoidance.
- Kit Includes Optic Sensor Unit, Reflector Array, Mounting Bracket, Hardware and Instructions
- Unit can be Powered by 120 VAC ONLY (For other Voltages Consult Factory)
- N.O. or N.C. Contact Available
- Pre-Wire available with any length SO-Cable



CAS-2L100

TWO EVENT OPTICAL LASER KIT

- Two Event Laser Reflective Sensing Kit from 3 to 100 Feet for Crane to Crane Separation and End Stop Collision Avoidance
 - Slow Approach and Stop Functions in Stepped Control Mode
 - Class 2 Visible Laser for Easy Alignment
 - Kit Includes Pre-Assembled DIN Mounted Power Pack, Relays and Interface, Reflector, 10 Meter Data Cable, Mounting Bracket, Hardware and Instructions. 25 Meter Data Cable Available.
 - N.O. or N.C. Contact Available for Each Event
 - Included Power Pack Allows DC Sensor to be Powered by 120VAC
- CONSULT FACTORY FOR OTHER APPLICATIONS



CAS-3L100

TWO EVENT OPTICAL LASER KIT

- Two Event Laser Reflective Sensing Kit from 3 to 100 Feet for Crane to Crane Separation and End Stop Collision Avoidance
 - Slow Approach and Stop Functions in Stepped Control Mode
 - **3rd Out-Put** option that allows for installation of an LED/HORN to indicate low signal strength from reflector. (Usually meaning reflector is dirty and needs to be cleaned. Active range is 3-100 feet.)
 - Class 2 Visible Laser for Easy Alignment
 - Kit Includes Pre-Assembled DIN Mounted Power Pack, Relays and interface, Reflector, 10 Meter Data Cable, Mounting Bracket, Hardware and Instructions. 25 Meter Data Cable Available.
 - N.O. or N.C. Contact Available for Each Event
 - Included Power Pack Allows DC Sensor to be Powered with 120VAC
- CONSULT FACTORY FOR OTHER APPLICATIONS



CAS-2L100 DUPLEX

TWO EVENT OPTICAL LASER KIT ELIMINATES NEED FOR 2 POWER PACKS — REDUCES CONTROL PANEL FOOTPRINT

- Two Event Laser Reflective Sensing Kit from 3 to 100 Feet for Crane to Crane Separation and End Stop Collision Avoidance
 - Slow Approach and Stop Functions in Stepped Control Mode
 - Class 2 Visible Laser for Easy Alignment
 - Kit Includes: (1) Pre-Assembled DIN Mounted Power Pack, Relays and (2) Sensors, (2) Reflector, (2) 10 Meter Data Cable, (2) Mounting Bracket, Hardware and Instructions. 25 Meter Data Cable Available.
 - N.O. or N.C. Contact Available for Each Event
 - This space saving unit has one Power Pack that powers two sensors at the same time
 - The DIN Mounted Power Pack includes two extra 120VAC relays with 1 N.O. and 1 N.C. contact on each. This can be used to split the high speed signal to a VFD.
 - Included Power Pack Allows DC Sensor to be Powered by 120VAC
- ***This unit may not work with all applications.***
 Please verify with a qualified technician that this unit will work with your application before installing.

CONSULT FACTORY FOR OTHER APPLICATIONS



CAS-3L100 DUPLEX

TWO EVENT OPTICAL LASER KIT ELIMINATES NEED FOR 2 POWER PACKS — REDUCES CONTROL PANEL FOOTPRINT

- Two Event Laser Reflective Sensing Kit from 3 to 100 Feet for Crane to Crane Separation and End Stop Collision Avoidance
 - Slow Approach and Stop Functions in Stepped Control Mode
 - **3rd Out-Put** option that allows for installation of an LED/HORN to indicate low signal strength from reflector. (Usually meaning reflector is dirty and needs to be cleaned. Active range is 3-100 feet.)
 - Class 2 Visible Laser for Easy Alignment
 - Kit Includes: (1) Pre-Assembled DIN Mounted Power Pack, Relays and (2) Sensors, (2) Reflector, (2) 10 Meter Data Cable, (2) Mounting Bracket, Hardware and Instructions. 25 Meter Data Cable Available.
 - N.O. or N.C. Contact Available for Each Event
 - This space saving unit has one Power Pack that powers two sensors at the same time.
 - The DIN Mounted Power Pack includes two extra 120VAC relays with 1 N.O. and 1 N.C. contact on each. This can be used to split the high speed signal to a VFD.
 - Included Power Pack Allows DC Sensor to be Powered by 120VAC
- ***This unit may not work with all applications.***
 Please verify with qualified technician that this unit will work with your application before installing.

CONSULT FACTORY FOR OTHER APPLICATIONS