

LaserGuard

Collision Avoidance System



Our Vision. Your Safety.

When you invest hundreds of thousands of dollars in overhead cranes you can't afford even one collision caused by operator error. That's why Magnetek Material Handling makes LaserGuard. LaserGuard silently protects your most valuable assets – your people, your facility and your cranes.

LaserGuard uses self-monitoring optical lasers to monitor your crane's position. This is the most technologically advanced collision avoidance system in the industry, flexible enough to manage crane-to-crane and wall-to-crane operation. The rugged housing and Class 1 laser have a rated life of more than 10 years.

Let LaserGuard keep an eye out for you.

MAGNETEK  **MATERIAL HANDLING**
Electromotive Systems Telemotive Mondel Engineering

YOUR ONE-STOP-SOURCE FOR MATERIAL HANDLING CONTROL SOLUTIONS

Product Features

LaserGuard Collision Avoidance System

LaserGuard...Features you expect from the industry leader

Optical laser continually monitors crane position.
Crane-to-Crane LaserGuard provides "dynamic protection"
Installer sets 3 programmable control zones.
Standard 85-240V AC, optional power supply of 10-80 &
180-300V DC
Optical range 10 to 150 feet.
LaserGuard is wireless.

Primary signaling is not affected by electrical noise.
Multiple cranes are protected when they are in motion on the
same runway.
3 emergency signals: Alarm, Slow, Stop, Do Not Enter!
The flexibility to work with almost any crane configuration.
Outputs can be tailored to activate within a wide optical range.
No requirement to install additional runway conductor.

LaserGuard...Designed by crane people for crane people

Installer aligns laser using a simple alignment chart.
State of the art infrared laser technology.
Telemotive technical support center.
Easy installation.
Laser systems never interfere with each other.
Single pole, normally open or normally closed
contact transfer.

We have eliminated the guesswork by making it simple to
adjust and install.
The laser can acquire its target under any lighting conditions.
Experts are available via telephone to serve you
during installation.
A simplified procedure gets your crane back on-line.
Can be installed on several cranes in a single operating area.
Standard relay outputs make LaserGuard simple to install.

LaserGuard...Delivers the comfort of secure operations

LaserGuard is the market leader
Class 1 laser meets or exceeds all OSHA 6
environmental regulations

Military spec, shock mounted circuit board
Optical path degradation detector (watch dog)

You have the confidence that LaserGuard is proven in
use everyday.
Satisfying the strictest of standards for environmental
safety—if you look directly into the laser, it will not hurt
your eyes.
Withstands the rigors of the most rugged daily use.
Integral patented design auto checks unit and provides fault
if laser "loses" its target.



For more information contact Magnetek Material Handling or your local Magnetek sales representative.

WWW.MAGNETEKMH.COM



Telemotive

N49 W13650 Campbell Drive
Menomonee Falls, WI 53051

P.O. Box 13615
Milwaukee, WI 53213

Phone: 1.262.783.3500
Call Toll Free in the U.S.: 1.800.288.8178
Fax: 1.262.783.3510
Toll Free Fax: 1.800.298.3503

In Canada Contact
Berlet Electronics:
Phone: 1.905.564.2710
Toll Free Fax: 1.905.564.2755

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