

防撞系統(新型2015) COLLISION AVOIDANCE SYSTEMS

REFLX® 45, REFLX® 120, AND
LASERGUARD™ 2

Magnetek's portfolio of Distance Detection and Collision Avoidance Systems prevent crane-to-crane or crane-to-end-stop collisions.

Magnetek是距離檢測和防撞系統的組合防止天車和天車到天車到尾端止擋的碰撞

Avoiding collisions means increased operator safety and reduced maintenance costs. These systems are ideal for use with all types of cranes with either adjustable frequency drives, soft starters, or contactor controls. Three systems with multiple configurations are available so you can choose the exact functionality, size, and style to fit your application needs. 避免碰撞意味著增加操作人員的安全，並減少了維護成本。這些系統非常適合於所有類型的起重機附有可調變頻器，軟啟動器或接觸器控制使用。三個系統有多個配置可供選擇，所以你可以選擇確切的功能，尺寸和款式，以滿足您的應用需求。

REFLX 45

The ReFlx 45 is a cost-effective system, ideal for a single stop action. All electronic components are built into one housing, enabling easy installation on overhead material handling applications.

- 3-45 foot detection range*
 - IP67 rating for indoor and outdoor† applications
 - 24-240 VAC, 12-240 VDC
 - System includes a sensor, 2 x 2 ft. reflector, and sensor bracket
 - LEDs indicating power and range allow for simple set-up and troubleshooting
 - Adhesive reflector is standard for convenient placement
 - Optional DIN rail for mounting simplifies retrofit installations in harsh environments
- 3-45英尺的檢測範圍
• IP67等級的室內和室外應用
• 24-240 VAC, 12-240 VDC
• 系統包括傳感器，2x2英尺反射器和傳感器支架
• 發光二極管指示電力和射程允許簡單的設置和故障排除
• 可膠粘的反射器的標準，方便放置
• 可選DIN導軌安裝簡化了在惡劣環境下的安裝改造

REFLX 120

Magnetek's ReFlx 120 system features a reliable, solid-state control board in a small, easy-to-install enclosure. The most commonly wired configuration is the use of a two-channel sensor for adjustments to give separate outputs for each channel.

- 20-120 foot detection range*
- IP65 rating for indoor and outdoor† applications
- 120 or 240 VAC
- System includes a sensor, sensor cable, 2 x 2 ft. reflector, and controller
- Can be removed from its enclosure and mounted on an existing control panel
 - 20-120英尺的檢測範圍
 - IP65等級的室內和室外應用
 - 120或240 VAC
 - 系統包括傳感器，傳感器電纜，2x2英尺反射器和控制器
 - 可以從它的外殼取出並安裝在現有的控制面板上

LASERGUARD2 雷射守衛2

The next generation LaserGuard2 is the most technologically advanced system available, using self-monitoring optical lasers to check your crane's position. Its multi-distance detection feature is flexible enough to manage crane-to-crane and crane-to-wall operation.

- Up to 150 foot detection range*
- IP65 rating for indoor and outdoor† applications
- 85-264 VAC and 120-370 VDC, or 9-36 VDC (optional)
- System includes a laser support unit, 2 x 2 ft. reflector, laser, mounting bracket, and sensor cable
- Can be adjusted for three individual contact closures within the detection range
- Pushbutton programming makes it easy to use
- Visible red light provides easy alignment and quick set-up
 - 高達150英尺的檢測範圍
 - IP65等級的室內和室外應用
 - 85-264 VAC和120-370 VDC或9-36 VDC (可選)
 - 系統包括雷射支持單位，2x2英尺反射器，雷射，安裝支架和傳感器電纜
 - 可以調整的檢測範圍內三個獨立的觸點閉合
 - 按鈕編程可以很容易地使用
 - 可見紅光可輕鬆調整和快速設置

* Runway length may be greater than detection range
跑道長度可以大於檢測範圍

† System may not operate properly in direct sunlight or inclement weather conditions
系統可能無法在陽光直射或惡劣天氣條件下正常工作

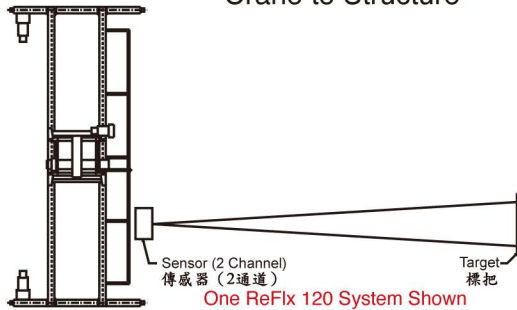


防撞系統安裝

Collision Avoidance System Installations

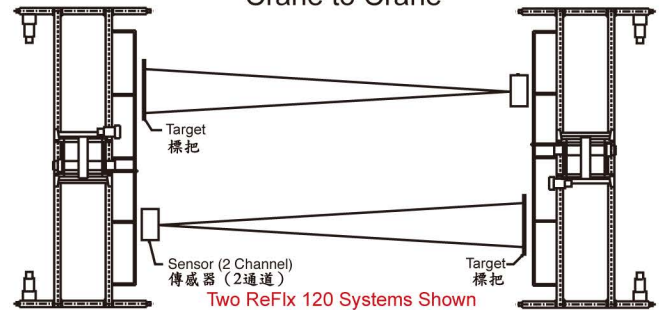
REFLX 120

吊車對結構
Crane to Structure



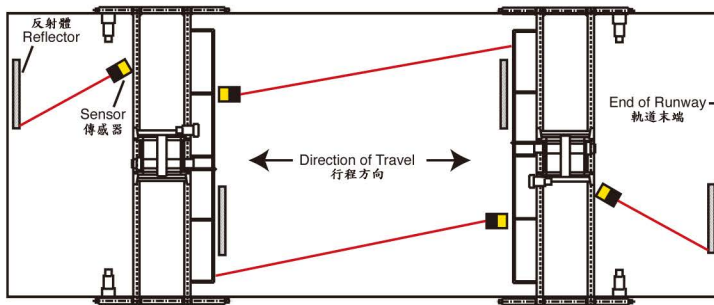
One ReFLX 120 System Shown
(2 Channel, 1 Sensor)
一個反射120系統如圖
(每個系統2通道，1個傳感器)

吊車對吊車
Crane to Crane



Two ReFLX 120 Systems Shown
(2 Channel, 1 Sensor Each)
兩個反射120所示的系統
(每個系統2通道，1個傳感器)

REFLX 45



LASERGUARD2

