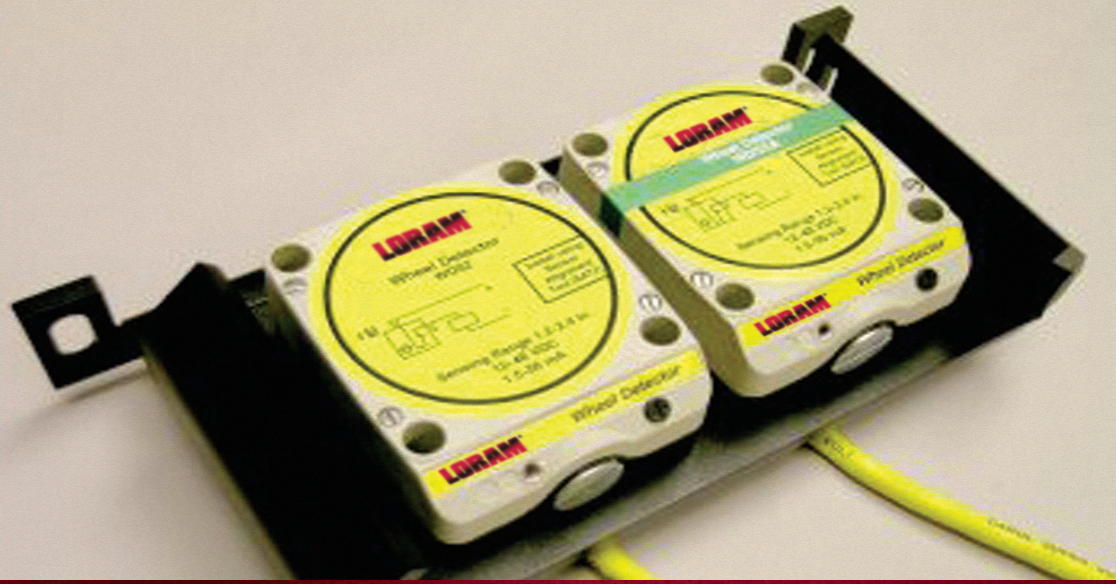




WHEEL DETECTOR WDS22A™



Dual Wheel Detection System

Speed, Performance, Reliability

Loram's **WDS22A™** is a compact, two-sensor version of our **WDS2™** wheel detector. This economical, yet rugged, wheel detection system is ideal for sensing speed and / or direction in freight rail applications.

How it Works.

WDS22A™ is mounted to the location of your choice by positioning clamps on the sides and below the selected rail. A base-mount version is also available. The **WDS22A™** has an adjustable sensing range, with the ability to decrease sensitivity below the maximum sensing distance (1.89"). Unlike competitors' wheel detectors, Loram's **WDS22A™** is polarity sensitive. Radio Frequency Immunity (RFI) sensitivity, and any metal background influence are adjustable through the potentiometer.

Benefits.

- Large vertical sensing range (up to 2"), making only an approximate height adjustment required
- Sensor shield protects from any possible impact of a dragging machine
- Senses wheel speeds up to 80 mph
- No rail drilling required for installation and / or removal

- Works on various rail weights
- Sensors of different frequencies available to avoid interfering with each other

Installation, Maintenance, and Performance

WDS22A™ is simple to install and maintain. It can be installed in a few hours. All-weather cable is available in custom lengths to suit your needs, and exits from the bottom to avoid any potential of snagging.

WDS22A™ offers a consistent all-weather operation from 158° F to minus 40° F, and works on various rail weights. Designed for impact resistance with heavy-duty CNC rail clamps, rugged aluminum mounting brackets, and a sensor shield, Loram's **WDS22A™** sensor is suitable for all your rail applications.

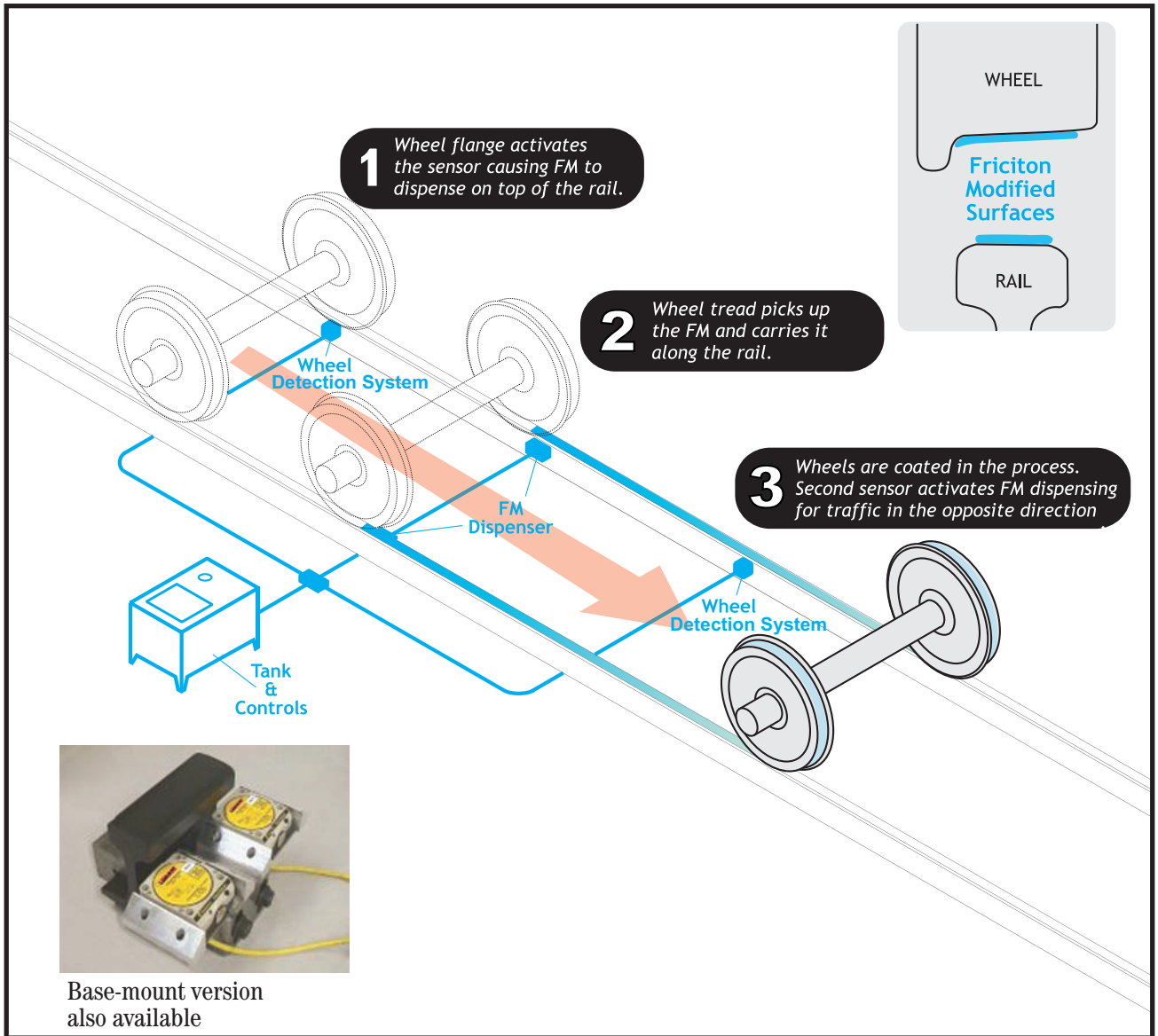
Reliable Service and Support.

With more than 30 years of helping railroads extend rail life through rail grinding, Loram has now added the most advanced friction modification systems in the industry to our product offerings. Extend the life of your rail assets, select Loram's Maintenance of Way Products.

For more information visit www.loram.com or call your local Loram Regional Manager.

Specifications

WHEEL DETECTOR WDS22A™



Wheel Detector WDS22A™ may show instability if used in areas with EMF caused by AC currents.

No drilling necessary for installation / removal
Works on various rail weights
Senses wheel speeds up to 80 mph
Large sensing area (approximately 4.5 square inches)
All-weather cable available in custom lengths
Sensor shield designed for impact resistance
Consistent in large temperature range (-40° to 158° F)

Subject to change

LORAM

Speed, Performance, and Reliability

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