



## Self-restoring Paddle Dragger

### Dragging Equipment and Derailment Detection

Protect your rolling stock, cargo, concrete ties and track structures from dragging equipment under a moving train with dragging detection technology from Progress Rail.

Constructed of rugged steel, Progress Rail's paddle dragging equipment detectors are self-restoring. They interface directly to the Micro Hot Bearing Detector or Micro Talker.

They detect train derailments and alert train crews and operations centers to prevent damage to equipment. They are easy to install and simple to align, adjust height, and change out paddles.





## Paddle Draggers

The paddle draggers are self-restoring. They have “form C” relay output for alarm indication, have an adjustable trip point, and can be configured to be normally open or normally closed. Paddle draggers detect alarms between and outside the rail and support multiple track gauges and track widths.

### Configurations

Standard gauge: 56.5 in (1,435 mm)

Narrow gauge: 42.6 in (1,083 mm)

Wide gauge: 63 in (1,600 mm)

### Options

Wood tie installation

Cement tie installation

Ballast-mount junction box

Normally open (NO) contact

Normally closed (NC) contact

Supports multiple gauges





## Specifications

### Operating Temperature

Minimum: -40°F (-40°C)

Maximum: +160°F (+71°C)

### Interface Output

"Form C" relay contacts

### Tie Mounting

Cement clamp

Wood tie bolt

### Dimensions (standard gauge)

Length: 101.875 in (2,438 mm)

Width: 31 in (787 mm)

Height: .156 in (4 mm) to 2.156 in  
(54.8 mm) below ball of rail

### Weight

242 pounds (110 kg)

