



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. The detectors interface directly with the Micro Hot Bearing Detector or Micro Talker.

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

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

SPECIFICATIONS

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

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)

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