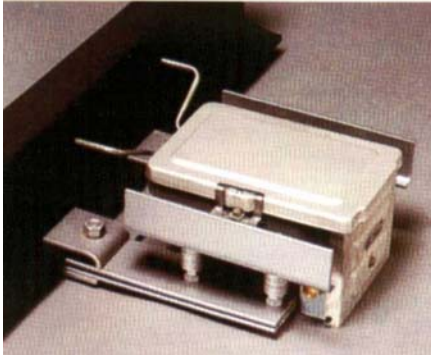


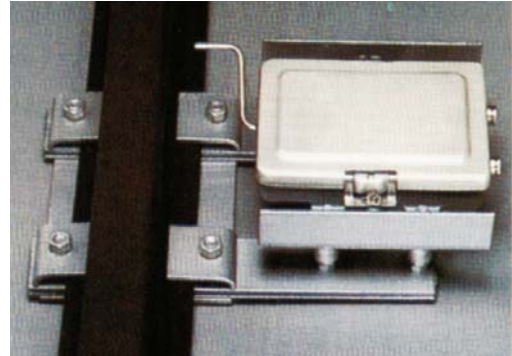
# Electromechanical Detectors Cautor and Forfex



**PRODUCT PROFILE**



**Forfex Treadle Series 69**



**Cautor Treadle Series 69**

## **Product**

A track mounted train detector used to detect the passage of a train or single vehicle travelling at speeds up to 260 km/hour.

## **Use**

To provide a means of train to track control.

## **Examples:**

- Level crossings (control of gates and lights).
- Signal control.
- Axle counting.

## **Principle of Operation**

Inside a cast iron housing, are torsion bars (one for each direction in the case of a Forfex Treadle) in high-tensile stainless steel which absorb the energy produced by the shock of the wheel on the arms and control a mechanical interlock. The latter selects the electrical contact to be operated according to the direction of travel of the train. This ensures an adequate period of closure of the contacts whatever the time-constant of the circuits controlled.

Additional Technical Information Is Available On Request.