

SID 200 Speed and distance monitor

The RDS SID 200 is a user-friendly speed and distance measurement instrument with overspeed alarm



Features:

- Large illuminated LCD display.
- Resolution to 0.001 miles or km.
- Internal and external alarm if pre-set speed exceeded.
- Distanced travelled exceeding set-limit is logged.
- Free-standing or panel mounted.

Benefits:

- Can be calibrated to work on any machine, irrespective of wheel size.
- Enables accurate measurement of speed and distance.
- Enables drivers to comply with factory/site Health and Safety requirements for maximum vehicle speeds.
- Sealed water and weather proof unit - can be used on vehicles without a cab.



Application:

The **RDS SID 200** is suitable for any vehicle where information on speed and distance worked, or distance travelled is required, calculating work rate or charges and/or to assist in controlling maximum vehicle speeds.

The input signal is taken from a magnetic sensor normally on the non-driven, i.e. front wheel or on the transmission shaft.

Calibration is a very simple procedure which is effected when the instrument is installed on the vehicle.

An override switch is available so that travelling distance can be automatically excluded from the distance total if required. It is also possible to exclude the accumulation of travelling distance by using the 'HOLD' switch on the front panel.

RDS also supply an extensive range of instruments for work measurement with a greater or lesser number of functions.

The instrument can be set to operate in metric or imperial mode. The distance factor referred to is the effective wheel circumference, which is easily measured and entered into the instrument memory.

Overspeed logging; distance travelled at excess speed is logged in the following bands:

- Band 1: Set limit to +5%
- Band 2: Set limit to +5% to +20%
- Band 3: Set limit to +20% to +50%
- Band 4: Set limit to +50% and over

The calibration factor and speed limit set point may only be accessed by entering a 4-digit PIN code.

The access to and resetting of the logged overspeed history is also protected by a PIN code.

Sensors:

Magnetic wheel or transmission sensor.
Automatic cut-out switch to exclude distance travelled from total (option).

Technical Details:

Operating voltage: 11 - 28V dc
Temperature range: -30°C to +50°C
Environmental protection: Full RFI/EMI protection
Sealing: IP67

Available from:

