



Speed & Distance 200

A speed and distance monitoring instrument
with overspeed alarm



The **Speed & Distance 200** from RDS is a cost effective, user-friendly speed and distance measuring instrument that alarms when the vehicle travels in excess of site speed restrictions increasing vehicle safety.

The **RDS Speed & Distance 200** is suitable for any vehicle where information on speed and distance is required or to assist in controlling on-site speed limits.

The input signal is taken from a magnetic sensor, normally on the non-driven (i.e. front wheel) or transmission shaft. An override switch enables the travelling distance to be excluded automatically from the distance total.

Distance travelled at overspeed 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 instrument can be operated in metric or imperial mode and access to the overspeed log is protected by a 4-digit PIN.

Features:

Internal and external alarm if pre-set speed limit is exceeded.
Alarm output can retard vehicle (e.g. operating a fuel restricting solenoid valve) depending upon installation.
Distance travelled in excess of speed limit is logged.
Resolution to 0.001 miles or km.
Large backlit LCD.
Overspeed logging capability.
Quick and easy installation.
Proven technology in a robust waterproof enclosure sealed to IP67.
Free standing or panel mounted installation.
Unique bracket enables installation of the instrument in any position.

Advantages:

For use 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 weatherproof unit for use on cabled vehicles.
Increases vehicle safety in yard and/or warehouse.
Identifies operators and forklifts at risk through memory feature.
Increases vehicle efficiency.
Minimises machine downtime for servicing or repair.
Nationwide support and service from RDS distributors.

Technical details:

Operating voltage: 10 - 30 Vdc
Temperature range: -20 to +40°C operating
Warranty: 1 year
Environmental protection: Instrument unit IP67
Full RFI/EMI protection

System enhancements:

Satspeed for a non-contact GPS speed signal interface between receiver and instrument for measurement of speed & distance.

RDS GPS 16 receiver for accurate GPS speed and distance measurement.

Available from:

Also in the range:



Liftalert for a forklift load monitor with early warning of tip-over point.



Liftlog 100 for a forklift weighing system and load monitor with early warning of tip-over point.