

RDS Delta 34 Sprayer regulation system

The RDS Delta 34 - an extremely versatile management and regulation system for sprayers



The **RDS Delta 34** is a fast responding, automatic regulation system for all types of sprayer.



Features:

PF/Datalogging capabilities.
 Intuitive and comprehensive information display.
 Highly visible, backlit display for use in all light conditions.
 Choice of flow and/or pressure based regulation.
 Automatic control of spray output
 Nozzle selection and nozzle calibration wizard.
 Secure calibration menus prevent accidental or unauthorised calibration.
 Simple 'Jug Test' nozzle calibration.
 Density setting for liquid fertiliser.
 Manual/automatic or variable rate application.

Benefits:

Optimisation of nozzle selection.
 More accurate spraying, significantly reducing chemical costs.
 Data-logging for precise record-keeping.

Kit includes:

Head unit,
 Flow and/or pressure sensor,
 Pressure control valve,
 Speed sensor,
 All cabling and bracketry,
 Interface with sprayer.

Display Information:

Forward speed
 Target and actual application rate
 Pressure
 Flow rate
 Tank contents
 Boom status
 Area sprayed
 Quantity sprayed
 RPM
 Metric/Imperial conversion switchbox.

Specification:

Power supply: 10 - 30V dc	Outputs: 4 transistor (500mA)
Current consumption: 500mA + outputs	3 x 2 H bridge (2.5A)
Display: 160 x 128 pixel dot matrix	3 analogue (0-Vss @ 50mA max)
LCD Variable contrast and adjustable illumination.	Communications: 2 RS232, CAN, LBS (optional)
24 elastomeric	Protection: Reverse polarity protected
Front panel switches: Hitachi H8/300H	Enclosure: ABS moulding, aluminium
Processor: Program storage: 512k x 8	Internal chassis.
Memory: Flash ram	Mounting: Free standing or panel mount
Data storage: 128k 8 SRAM	EMC: EEC 89/336 ISO 14982
On-board SD/MMC port	Temperature 0 - 50°C operating
Memory card port	-30 to 70°C storage
Inputs: 6 digital (lo going)	Vibration: 5G @ 10 to 500Hz
10 digital (hi or lo going)	Shock: 100G
4 analogue	Sealing: IP54

Errors and omissions excepted. Technical details are subject to change. ref: INFO/DS/net/d34/2556



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