



APPLIED MEASUREMENTS LTD.
Transducer Specialists...

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<https://appmeas.co.uk>

SERIALDIS - Serial Input Digital LED Display

Key Features:

- 6-Digit LED Display (± 999999), 20mm High
- RS232 or RS485 ASCII Serial Data Input
- Environmental Protection: IP65
- Supporting Single or Multi-drop Devices
- 3 Year Warranty



The SERIALDIS digital indicator has a 6 digital LED display and is designed for use with modules that output ASCII serial data via RS232 or RS485. It can be used with the DSC and DCell strain gauge digitisers as well as the T24-SO wireless telemetry receiver module.

The SERIALDIS is rated to IP65 and requires a DC power supply of between 8 and 18Vdc. The module requires a serial input, either RS232 or RS485 and on receipt of a carriage return character (decimal 13, hexadecimal 0D) the data will be displayed.

The device has addressing support so multiple devices can be driven whilst residing on a serial bus. The baudrate is selectable from 9600 to 115200 but is fixed at 8 data bits, 1 stop bit and no parity. The 7 segment display only effectively displays numeric data, as alphanumeric display is limited by the restraints of the 7 segment display. Configuration is by DIP switches where the baudrate and address can be set.

[See our full range of digital displays.](#)

Options:

- RS232 or R485 Serial ASCII Input
- Can be used with DCell, DSC and T24-SO Modules

Industries:

- Automotive
- Agriculture
- Silo and Weighing Industry
- Construction
- Alternative Energy
- Civil Engineering
- Lifting and Handling
- Waste Management

Applications:

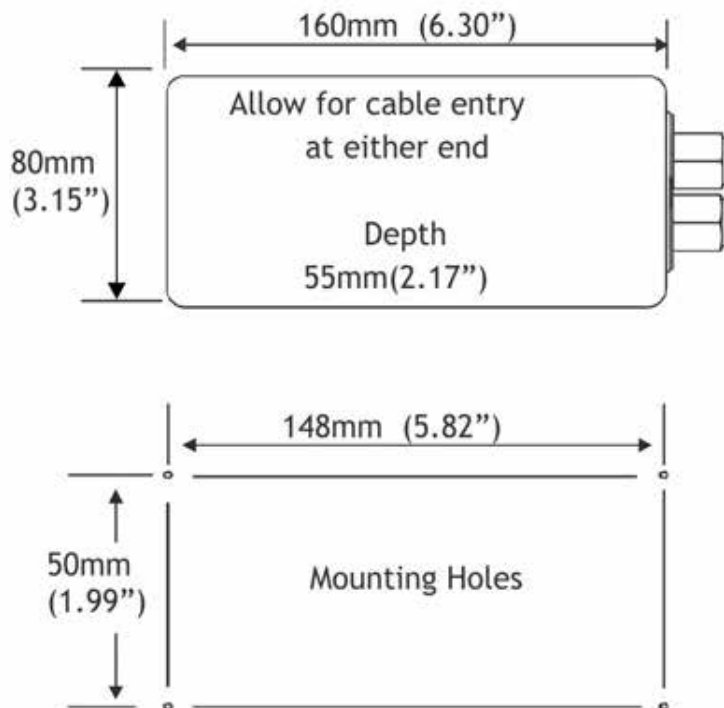
- Weighing Platforms
- Vessel Weighing Systems
- Weighbridges
- Conveyor Weighing Systems
- Bridge Structure Monitoring
- Waste Management Systems
- Lifting and Handling
- Monitoring of Anchor Loads
- Truck Load Weight Monitoring
- Skip Weighing System
- Multi-Cell or Multi-Transducer Installations
- Monitoring of Building Foundations
- Force Measurement in Formula Racing
- Silo Weighing
- Measuring the Power Output of a Motor
- Weighbridges



Specification:

Supply Voltage		
Nominal Voltage	8 to 18	Vdc
Current Consumption		
Max	200	mA
Communications		
R3232 and RS485	8 data bits, 1 stop bit, no parity	
Environmental		
IP Rating	IP65 / NEMA 4	
Storage Temperature	-20 to +70	°C
Operating Temperature	-10 to 50	°C
Relative Humidity	95% maximum non condensing	
CE Environmental Approvals	European EMC Directive 2004/108/EC, Low Voltage Directive 2006/95/EC	

Dimensions (mm):





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Ordering Codes:

Core Product	Capacity (inc Engineering Units)	Cable Length (m)	Specials Code	Example Result
SERIALDIS				SERIALDIS

Associated Products:



[DCell Strain Gauge & Load Cell Digitiser](#)



[DSC Strain Gauge Digitiser Card](#)



[T24-SO Wireless Serial Output Module](#)