

# NEWALL DP1200 DSU Quick Start up Guide

For the complete manual please download from: <http://newall.com> , Click Technical Support to access the download page.

## ⚠ Warnings

Only **one** power supply can be connected to the DP1200 DSU or DP1200 display. Do not connect two power supplies.

The mains supply is connected into a switch mode power supply (separate from your DP1200 DSU) via a detachable supply cord supplied. If another supply cord is used, it must have fitted a C5, 10A, EARTHED mains connector with a cord rated for at least 10A.

If a mains plug is not already fitted to the supply cord or is of the wrong type, then a suitable EARTHED plug should be used which complies with the relevant specifications for plugs and socket-outlets.

Encoder inputs 1, 2 and 3 can be used with Newall Spherosyn and Microsyn analogue encoders. Encoder input 4 can be used with Spherosyn/Microsyn or RS422 (5v TTL) **dependant on model**.

Encoder connections can only be made at the DP1200 DSU when in use, not at the DP1200 display.

Unit only to be serviced by Newall qualified personnel or authorised alternatives.

Turn off the power by disconnecting the power supply connector, before you connect or disconnect the encoder(s)

## Technical Specification

### Environmental

**Operating Temperature**      **Storage Temperature**  
-10°C to 50°C                      -20 to 70°C

**Environmental Conditions** - IP40

**Relative Humidity** - maximum 95% for temperature up to 31°C

### Disposal

At the end of it's life, you should dispose of the DP1200 DSU in a safe manner applicable to electronic goods.  
The case work is suitable for recycling. Please consult local regulations on disposal.

### Electrical

EU Directive 73/23/EEC (Low Voltage Directive)  
BS EN 55022:1998 Class B  
BS EN 55024:1998

**Input to External Switch Mode Power Supply Unit (Supplied with DP1200)**  
100-240V (47-63Hz)

### External

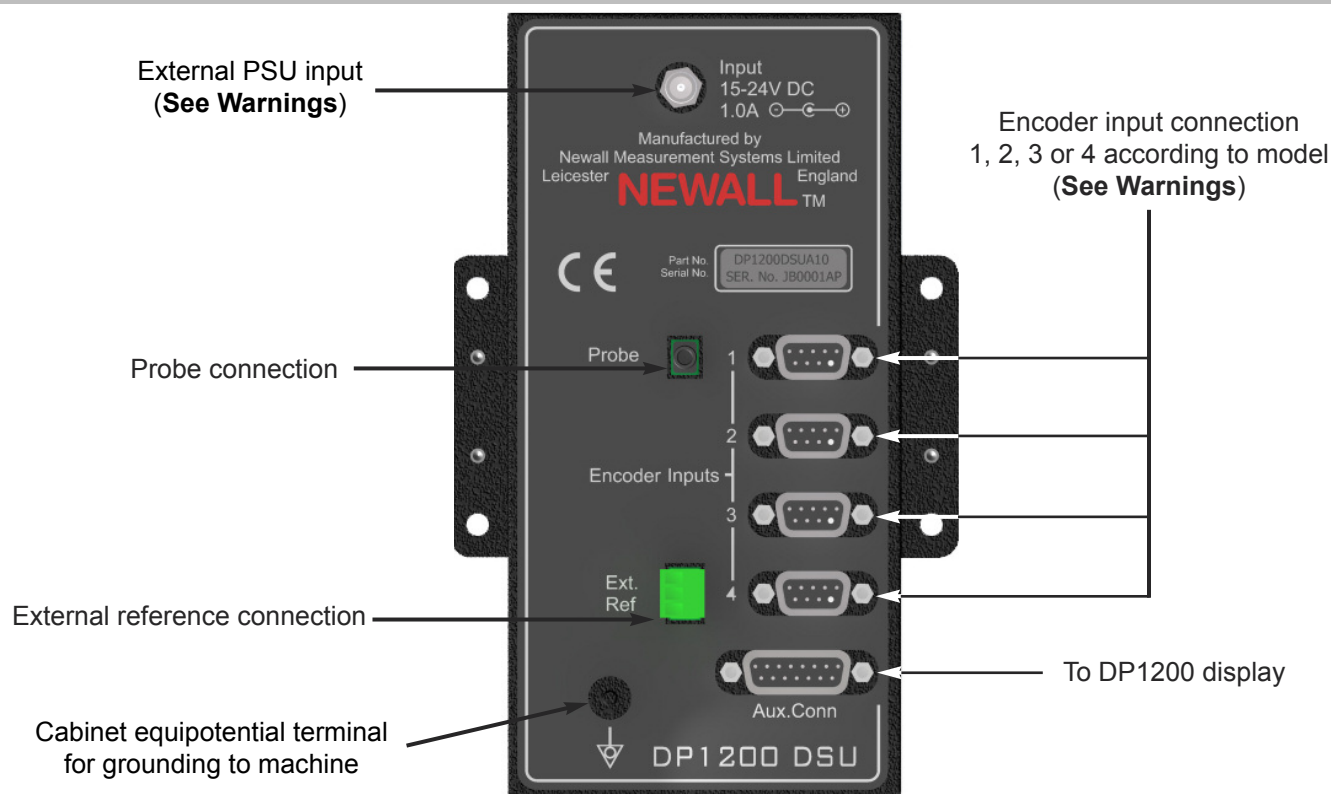
Output voltage 15VDC

### Input Voltage to DP1200 DSU

15-24VDC ±10%

Conforms to Low Voltage Directive

## Connections



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NOTE: Newall Measurement Systems Ltd. reserves the right to change the specification without notice.