

NEWALL DP700 Quick Start up Guide

EUROPE

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DP7000117EN
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For the complete manual please download from:
<http://newall.com> , Click technical Support to access the download page.

⚠ Warnings

The mains supply is connected into a switch mode power supply (separate from your DP700) 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.

You can only use the DP700 with Newall Spherosyn and Microsyn analogue encoders.

The power supply must be disconnected before opening the unit and completed by qualified personnel.

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

Technical Specification

Environmental

Operating Temperature
-10°C to 50°C

Storage Temperature
-20 to 70°C

Environmental Conditions - IP40 (Stand Alone)
IP54 (Panel Mount)

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

Electrical

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

Input to Power Supply Unit (Supplied)

100-240V (47-63Hz)

External switch-mode

Output voltage 15VDC

Disposal

At the end of it's life, you should dispose of the DP700 in a safe manner applicable to electronic goods.

The case work is suitable for recycling. Please consult local regulations on disposal.

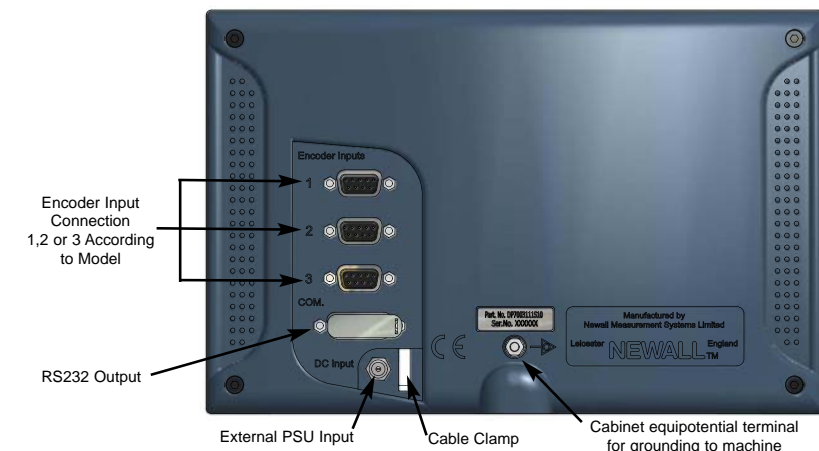
Input Voltage to DP700

15-24VDC ±10%

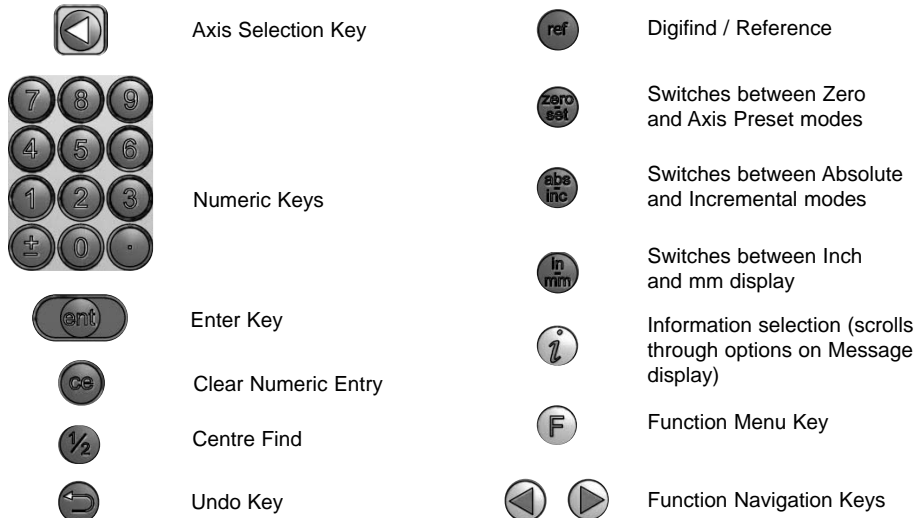
Conforms to Low Voltage Directive

Note: Newall Measurements Systems reserves the right to change specifications without notice.

Connections



Understanding the Keypad



Zero an Axis in Zero Mode

Ensure DP700 is in Zero Mode

Zero an Axis in Set Mode

Ensure DP700 is in Set Mode

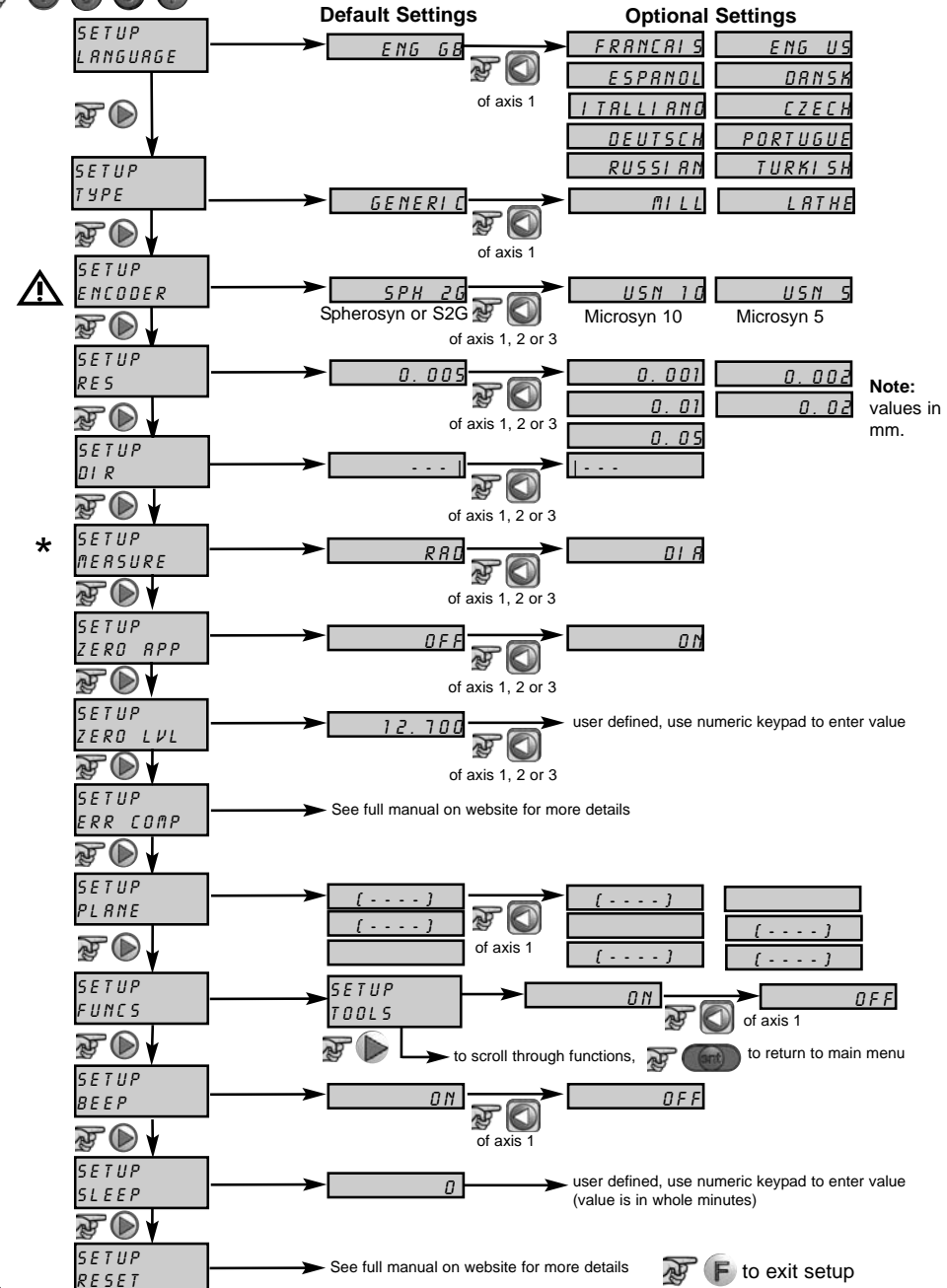
Preset an Axis

Ensure DP700 is in Set Mode

Setting up the Unit

How to enter setup

, Until display shows **FUNCS SETUP** display shows **SETUP CODE?**



Must be set to match encoder's on the machine * Lathe version, X axis set to DIA as default