



Manual Handwheel for EdingCNC



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1 Introduction

When it comes to useful accessories for a CNC milling machine, a remote control - a so-called „handwheel“ because of the central control element - is always a good candidate for first place. Because it frees the operator from typing on the arrow keys on the keyboard or on the touchscreen. Once you are literally unbound from this, working on the workpiece becomes much easier.

The handwheel for EdingCNC reduces the operating elements to a simple and highly effective minimum. Using it is easy to learn and becomes second nature in no time. Please read these instructions carefully and keep them close to the machine in order to get the most out of your device and enjoy it for a long time. If you have any questions, call us or write us an email, we will be happy to help you.

2 Intended Use

The handwheel for EdingCNC is intended to operate a CNC milling machine in conjunction with the electronic components and software from Eding. Operation includes the movements of the axes necessary for setting up the machine, determining the zero position as well as starting and stopping the program sequence necessary for producing a workpiece.



Attention!

The remote control is not suitable for directly operating the axis feed during milling, as happens with the handwheels on a conventional milling machine without a CNC control!

In addition, any use other than that described in these instructions is also considered improper. This includes using the remote control with electronic components or software from other manufacturers as well as on machines other than CNC gantry milling machines.

The person responsible is solely liable for damage caused by improper use!



The handwheel puts machine operation directly in the hands of the user.



The rubber armor offers protection against impacts and against scratches when layed down.

3 Installation

3.1 Requirements

No special requirements are necessary to use the handwheel. It can be connected to any Eding control board and works with any version of EdingCNC software.

3.2 Connection

Connect the handwheel to the 9-pin SUB-D socket on the control board. Tighten the two screws on the connector to prevent accidental disconnection.

3.3 Activation

The software automatically recognizes the connected handwheel. Activation is not necessary and a special license is not required.

4 Controls

4.1 In manual operation

- 1 Green button**
Zeroing the selected axis
- 2 Red button**
Select the next axis
- 3 Adjusting wheel**
Move the selected axis

4.2 In automatic mode

- 1 Green button**
Start program
- 2 Red button**
Pause program
- 3 Adjusting wheel**
Set feed speed from 0 to 300%



5 Technical data

5.1 General

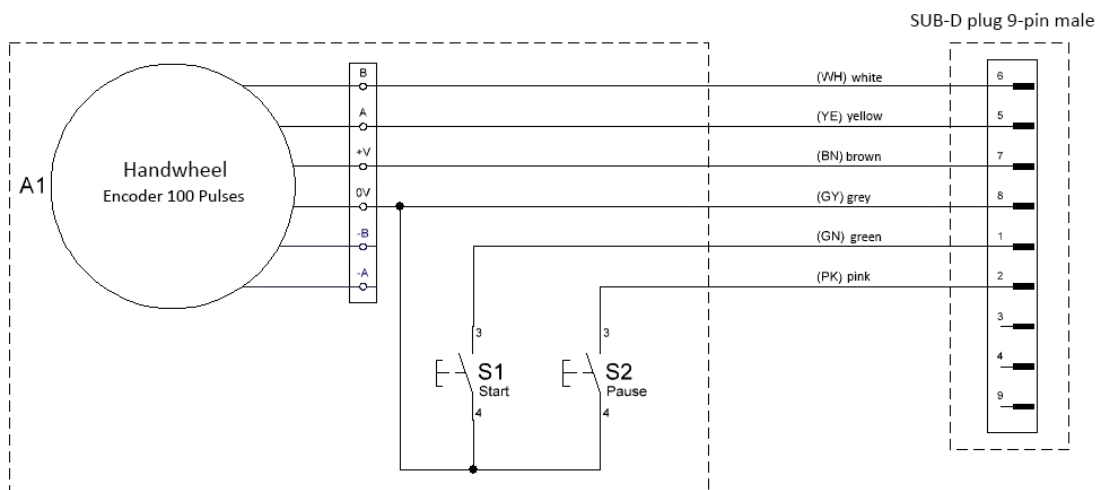
Dimensions (W x L x H): 104 x 210 x 40 mm
 Height with adj. wheel: 74 mm
 Weight: 0.42 kg (without cable)
 Protection class: IP 21

Resolution adjusting wheel: 100 pulses / revolution

Operating limits

Temperature: 10 ... 40 °C
 Humidity: max. 70%, not dewy

5.2 Circuit diagram



6 Disposal



Under no circumstances should the handwheel or parts of it be disposed of in the residual waste!

When disposing of the product, please observe the regulations applicable in your country as well as all relevant environmental protection standards.

i Note

The handwheel does not contain batteries.

At the end of its service life, take the handwheel to a specialist company for final scrapping.

In Germany, for private individuals these are the recycling centers; commercial users turn to a raw materials dealer or recycling company..