NEWS

JOHANNES HÜBNER GIESSEN
ideas and solutions

Nr. 2 / 09

News & information for our customers

New development of Hübner Giessen: Compact handheld measuring tool with numerous functions Encoder Diagnostic Unit Type EDU 100

This diagnostic unit EDU 100 can be used for testing the function of incremental encoders showing great advantages compared with other devices on the market.

The indispensable tool for commissioning, service and maintenance enables a quick test of incremental encoder signals and can be easily operated by a keyboard.

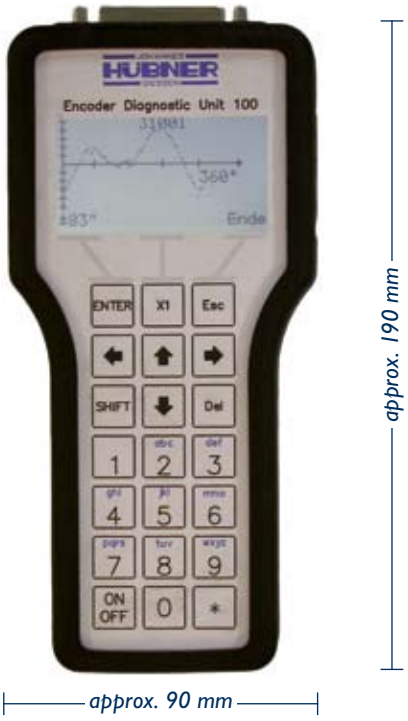
A backlit monochrome graphic display (resolution 128 x 64 pixel) is showing the test results in clearly arranged form.

Following functions are included in the EDU 100:

- TTL/HTL detection
- Check of pulse rate and signal channels
- Frequency measurement
- Speed measurement
- Signal amplitude recording
- Frequency modulation measurement
- Symmetry recording (graphic display and numeric value)
- Phase shift of channal B (graphic display and numeric value)

The handheld diagnostic unit is characterized by following advantages:

- Large graphic display
- Memory for storing measurement
- Frequency modulation measurement
- Integrated charging function
- USB interface



All measured data will be stored in the device. By means of the USB interface the measured data can be transferred to a PC/Laptop and further analyzed there with the supplied software.

The supply of the handheld diagnostic unit is made by the wall plug transformer or rechargeable batteries type AA which can be charged installed in the device.

A plug-in type connection cable for the communication to the encoder is part of the scope of supply.

The incremental encoder can be powered either by the EDU 100 or the electrical equipment of the plant.
The handheld diagnostic unit is designed for use under extreme operating conditions and will be supplied in a shock-absorbing housing.

The scope of supply includes:
Wall plug power supply, rechargeable batteries (3 x type AA),
connection cable for the encoder, PC-software,
operating manual

Johannes Hübner • Fabrik elektrischer Maschinen GmbH • Siemensstrasse 7 • 35394 Giessen • Germany
Tel. +49 641/ 79 69-0 • Fax +49 641/ 7 36 45 • www.huebner-giessen.com • info@huebner-giessen.com