



## Product information

INDUcoder MANUAL ENCODER EEV 80

**Robust electronic manual pulse generator**

**Resolution 1 to 10,000 pulses per revolution  
- every number of pulses**

**Mechanical click-stop and crank handle**

**Push-pull outputs for direct connection  
to the PLC**

**Protection class IP 65**

**Cable outlet or connector**

The well established INDUcoder product line of manual pulse generators and hand-held terminals has been expanded to a new device, the **robust electronic manual pulse generator MANUAL ENCODER EEV 80**.

The particularly reliable STANDARD SHAFT ENCODER EE 58 is used as optical electronic basis. Therefore the following resolutions are available: every number of pulses from 1 to 6,000 and 7,000, 7,200, 7,500, 8,000, 8,192, 9,000, 9,144, 10,000 pulses per revolution.

Supply voltage is available with the following combinations:

5 VDC with RS422 line driver or

10 – 30 VDC with push-pull outputs with 3 or 6 channels or RS 422 line driver.

MANUAL ENCODER EEV 80 with push-pull output is directly connectable to a PLC-controller with 24 Volts inputs.

EEV 80 is connected either by a flange connector or by a cable outlet mounted on the side or on the rear. The standard cable has a length of 1 m. On customer's request longer cables can be assembled.

The manual pulse generator has a mechanical click-stop. It is available with or without crank handle. Diameter of the scale and crank handle is 80 mm.

Due to the **high protection class IP 65 and high shock resistance of 100 g**, robust manual pulse generator MANUAL ENCODER EEV 80 is especially suitable for rough environmental conditions.

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