

# Rotary Measuring Technology

**Incremental Encoder**      **Miniature series, magnetic**      **2430 / 2440 (Shaft / Hollow shaft)**



Thanks to their non-contact magnetic scanning technology the miniature-format singleturn encoders 2430 and 2440 guarantee exceptional ruggedness.

As a result of their compact outer diameter, they are ideal for use where installation space is restricted.



### Magnetically robust

- The non-contact magnetic technology prevents wear and guarantees a long service life
- Multiple clamping affords high strain relief to the cable outlet, ensuring longer life.
- Wide temperature range from -20°C up to +85°C

### Compact Power

- Wide range power supply, either 5 V DC or 8 ... 30 V DC
- Flexible connection options: can be supplied with radial or axial cable outlet

### Order code Shaft version

8.2430 . XXXX . XXXX

Type      ① ② ③ ④      ⑤

#### ① Flange

- 1 =  $\varnothing$  24 mm
- 2 =  $\varnothing$  30 mm
- 3 =  $\varnothing$  28 mm

#### ② Shaft (D)

- 1 =  $\varnothing$  4 mm
- 2 =  $\varnothing$  6 mm
- 3 =  $\varnothing$  5 mm x 10 mm with flattening

#### ③ Interface / Power supply

- 5 = RS422 (with inverted signal) supply voltage 8 - 30 V
- 6 = RS422 (with inverted signal) supply voltage 5 V

#### ④ Type of connection

- 1 = cable axial (2 m PVC cable  $\varnothing$  4,5 mm)
- 2 = cable radial (2 m PVC cable  $\varnothing$  4,5 mm)

#### ⑤ Pulse rate

- 1 ... 128 (factory programmable) 256
- (e.g. 128 pulses => 0128)
- Other pulse rates on request

Preferred types are underlined

### Order code Hollow shaft

8.2440 . XXXX . XXXX

Type      ① ② ③ ④      ⑤

#### ① Flange

- 1 =  $\varnothing$  24 mm

#### ② Blind hollow shaft

- (insertion depth max. 14 mm)
- 1 =  $\varnothing$  4 mm
- 2 =  $\varnothing$  6 mm

#### ③ Interface / Power supply

- 5 = RS422 (with inverted signal) supply voltage 8-30 V
- 6 = RS422 (with inverted signal) supply voltage 5 V

#### ④ Type of connection

- 1 = cable axial (2 m PVC cable  $\varnothing$  4,5 mm)
- 2 = cable radial (2 m PVC cable  $\varnothing$  4,5 mm)

#### ⑤ Pulse rate

- 1 ... 128 (factory programmable) 256
- (e.g. 128 pulses => 0128)
- Other pulse rates on request

Preferred types are underlined

#### Suitable accessories:

- further cables and connectors, also pre-assembled, can be found in the Connection Technology section.
- further mounting attachments and stator couplings can be found in the Accessories section.

