

Incremental Encoders

Miniature, magnetic	2430 / 2440 (Shaft / Hollow shaft)	RS422
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Thanks to their non-contact magnetic scanning technology the miniature-format encoders 2430 and 2440 guarantee exceptional ruggedness – and this with a resolution of up to 256 pulses per revolution.

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



High rotational speed	Temperature -20° + 85°	Shock / vibration resistant	Short-circuit proof	Reverse polarity protection	Magnetic sensor technology

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
- Flexible connection possibilities: can be supplied with radial or axial cable outlet

Compact Power

- Resolution up to 256 PPR
- Shaft and hollow shaft version

Order code Shaft version	8.2430 Type	. X X 6 X . XXXX a b c d e	If for each parameter of an encoder the <u>underlined preferred option</u> is selected, then the delivery time will be 10 working days for a maximum of 10 pieces. Qts. up to 50 pcs. of these types generally have a delivery time of 15 working days.	
a Flange <u>1 = ø 24 mm</u> 2 = ø 30 mm 3 = ø 28 mm	b Shaft (ø x L) 1 = ø 4 x 10 mm <u>2 = ø 6 x 10 mm</u> 3 = ø 5 x 10 mm, with flat	c Output circuit / Power supply <u>6 = RS422 (with inverted signal) / 5 V DC</u>	e Pulse rate 1 ... 128 (factory programmable) <u>256</u> (e.g. 128 pulses => 0128) Other pulse rates on request	
		d Type of connection 1 = axial cable (2 m PVC cable ø 4.5 mm) <u>2 = radial cable (2 m PVC cable ø 4.5 mm)</u>		

Order code Hollow shaft	8.2440 Type	. 1 X 6 X . XXXX a b c d e	If for each parameter of an encoder the <u>underlined preferred option</u> is selected, then the delivery time will be 10 working days for a maximum of 10 pieces. Qts. up to 50 pcs. of these types generally have a delivery time of 15 working days.	
a Flange <u>1 = ø 24 mm</u>	b Blind hollow shaft (insertion depth max. 14 mm) 1 = ø 4 mm <u>2 = ø 6 mm</u>	c Output circuit / Power supply <u>6 = RS422 (with inverted signal) / 5 V DC</u>	e Pulse rate 1 ... 128 (factory programmable) <u>256</u> (e.g. 128 pulses => 0128) Other pulse rates on request	
		d Type of connection 1 = axial cable (2 m PVC cable ø 4.5 mm) <u>2 = radial cable (2 m PVC cable ø 4.5 mm)</u>		

Mounting accessory for shaft encoders		
Coupling	Bellows coupling ø 15 mm for shaft 4 mm	8.0000.1201.0404

Further accessories can be found in the Accessories section or in the Accessories area of our website at: www.kuebler.com/accessories.
Additional connectors can be found in the Connection Technology section or in the Connection Technology area of our website at: www.kuebler.com/connection_technology.

