

Encoders

Magnetic Incremental Encoders



Cost effective



Robust



Compact

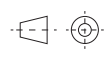


Thanks to incremental magnetic encoders (single ended and line driver), you can obtain a reliable control of speed and position.

*As an option, incremental optic encoders are available for high resolution needs.

Features

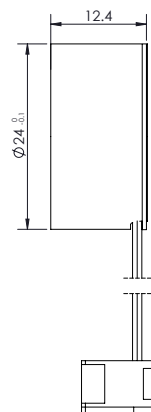
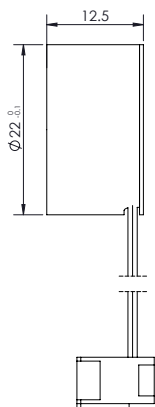
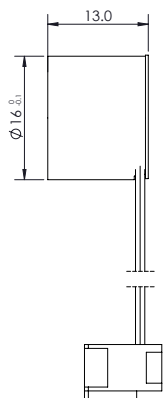
Housing	Engineering plastic
Operating temperature	-40° +125° C
Signal	3 or 5 channels: ABZ; A A/, B B/, I I/
Resolution	from 25 to 1024 ppr
Supply Voltage	5 VDC
Max speed	28.000 rpm



EN 16, EN 16L

EN 22A, EN 22AL
EN 22B, EN 22BL

EN 24, EN 24L



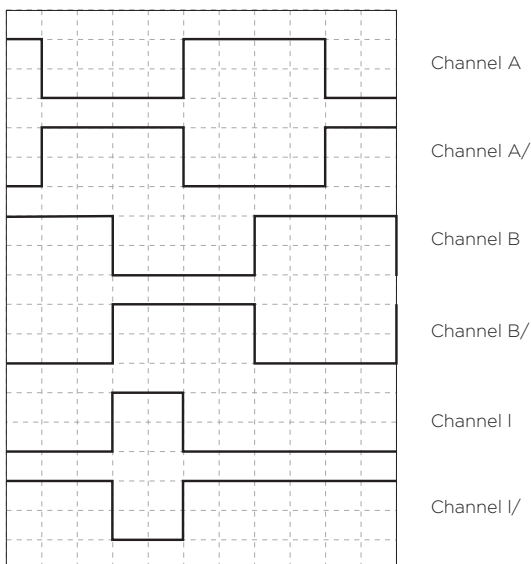
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Electric Data	Unit	EN Series	EN ..L Series
1 Output signal		TTL single ended	TTL line driver
2 Number of channels	#	3	5
3 Supply voltage	VDC	5	5
4 Counts per revolution	ppr		up to 1024
5 Max. speed	rpm	28000	28000
6 Phase shift, Channel A to B	deg.		90
7 Index pulse width	deg.		90
8 Interia of code disc	g/cm ²		0,7
9 Operating temperature range	°C		-40..+125

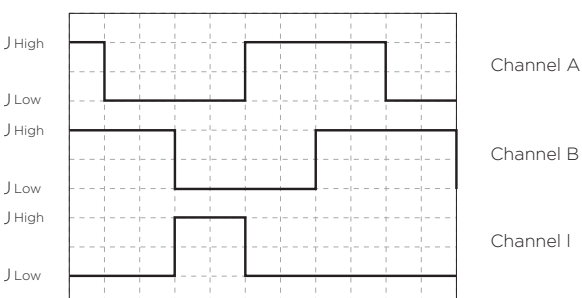
Features & Configuration

- Magnetic rotary encoder chip.
- Output interface: ABI.
- Configuration programmable: Zero position, ABI line per revolution.
- ABI binary programmable decimal and binary pulse count: 1000, 500, 400, 300, 200, 100, 50, 25, 1024, 512, 256 ppr.

Output signal Connection

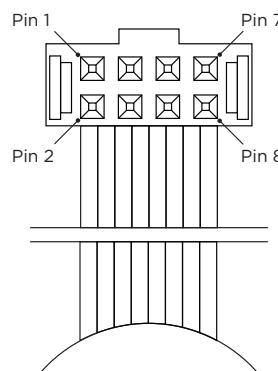


Direction of rotation: CCW viewed from front shaft end



Connection	EN16; EN22A; EN22B	EN16L; EN22AL; EN22BL	PVC
Pin 1	GND	GND	AWG28
Pin 2	Vcc	Vcc	AWG28
Pin 3	NC	I-	AWG28
Pin 4	I+	I+	AWG28
Pin 5	NC	B-	AWG28
Pin 6	B+	B+	AWG28
Pin 7	NC	A-	AWG28
Pin 8	A+	A+	AWG28

Connector: Standard DIN 41651 IDC, 8 pins, dual row 2.54x2.54mm
Mating connector: Molex 7024-60801 or compatible



Hello,
how can I help you?



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