



TECHNICAL DATA

	NOE2-05	NOE2-24
Resolution	1000, 2000, 4000 pulses/revolution	1000, 2000, 4000 pulses/revolution
Signal form	Square wave signal	Square wave signal
Output signals	Phase A, A\, B, B\, I, I\	Phase A, A\, B, B\, I, I\
Operating voltage	DC 4.5 V to 5.5 V	24 VDC
Current consumption	typical 30 mA	typical 15 mA
Limit frequency	60 KHz (1000 CPR), 120 KHz (2000 CPR), 240 KHz (4000 CPR)	60 KHz (1000 CPR), 120 KHz (2000 CPR), 240 KHz (4000 CPR)
Limit speed	3600 rpm	3600 rpm
Pulse width	180 ° ± 30 °e	180 ° ± 30 °e
Phase shift	90 ° ± 18 °e	90 ° ± 18 °e
Signal level	Low: 0 V; high: +3,5 V (±10 %, without lead), +3 V (±10 %, with lead 20 mA)	Low: 0 V, high: Vcc-0.5 V
Max. output current per channel	150 mA	200 mA
Working temperature	-20 to 85 °C	-20 to 85 °C
Storage temperature	-40 to 85 °C	-40 to 85 °C
Humidity	Max. 90%, non-condensing	Max. 90%, non-condensing

VERSIONS

Type	Index	Line Driver	Signal Voltage V	Cycles per Revolution
NOE2-05-B	Yes	Yes	5	1000
NOE2-05-K	Yes	Yes	5	4000
NOE2-24-B	Yes	Yes	24	1000
NOE2-24-K	Yes	Yes	24	4000

ORDER IDENTIFIER



ACCESSORIES



CAUTION



NOE2-05-B

- 14 = 5 mm Shaft Diameter
- 06 = 6.35 mm Shaft Diameter
- 10 = 10 mm, Type Hollow Shaft
- 15 = 15 mm, Type Hollow Shaft

ZK-NOE1-10-500-S Encoder Cable

Please note that the NOE1 encoders are only available together with a motor and must be mounted by Nanotec.

DIMENSIONS (IN MM)

NOE2

