



TECHNICAL DATA

Encoder Signal Type	incremental
Operating Voltage	5 V - 24 V
Output Signals	phase A, A\, B, B\, I, I\
Current Consumption	15 mA - 30 mA
Limit Speed	3600 RPM
Pulse Width	180° ± 30°e
Phase Shift	90° ± 18°e
Max. Output Current per Channel	40 mA (@Vcc=5 V, Vout=2.7 V), 82 mA (@Vcc=24 V, Vout=18 V)
Operating Temperature	-20 °C - 85 °C
Storage Temperature	-40 °C - 85 °C
Humidity	max. 90 % (no condensation)

VERSIONS

Type	Index	Line Driver	Encoder Resolution CPR	Operating Voltage V	Limit Frequency kHz	Signal Level
NOE2-05-B	✓	✓	1000	5	60	Low: <2.0 V (@I_load=20 mA), High: 3 V (@I_load=20 mA)
NOE2-05-K	✓	✓	4000	5	240	Low: <2.0 V (@I_load=20 mA), High: 3 V (@I_load=20 mA)
NOE2-24-B	✓	✓	1000	24	60	Low: <2.0 V (@I_load=20 mA), High: VCC-0.2 V (@I_load=20 mA)
NOE2-24-K	✓	✓	4000	24	240	Low: <2.0 V (@I_load=20 mA), High: VCC-0.2 V (@I_load=20 mA)

ORDER IDENTIFIER

NOE2-05-B
 14 = 5 mm shaft diameter
 06 = 6.35 mm shaft diameter
 10 = 10 mm shaft diameter,
 type: hollow shaft
 15 = 15 mm shaft diameter,
 type: hollow shaft



ACCESSORIES

ZK-NOE-10-500-S-PADP
 Encoder Cable NOE 0.5m
ZK-NOE1-10-2000-S
 Encoder Cable NOE 2m
ZK-NOE1-10-500-S
 Encoder Cable NOE 0.5m



CAUTION

Please note that the encoder is only available in combination with a motor and must be mounted by Nanotec.

DIMENSIONS (IN MM)

