



TECHNICAL DATA

Encoder Signal Type	incremental
Operating Voltage	5 V
Output Signals	phase A, A\, B, B\, I, I\
Current Consumption	30 mA
Limit Speed	6600 RPM
Pulse Width	180 ± 30°e
Phase Shift	90° ± 18°e
Signal Level	low: <2.0 V (@I _{load} =20 mA), high: 3 V (@I _{load} =20 mA)
Max. Output Current per Channel	40 mA (@V _{cc} =5 V, V _{out} =2.7 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
NOE1-05-A	✓	✓	500	5	60
NOE1-05-B	✓	✓	1000	5	120
NOE1-05-C	✓	✓	2000	5	240

ORDER IDENTIFIER

NOE1-05-A
12 = 6 mm shaft diameter,
type: hollow shaft
14 = 5 mm shaft diameter

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)

