



### TECHNICAL DATA

<b>Resolution</b>	500, 1000, 2000 CPR
<b>Signal form</b>	Square wave signal
<b>Output signals</b>	Phase A, A\, B, B\, I, I\
<b>Operating voltage</b>	5V DC (7V DC max.)
<b>Current consumption</b>	Typ. 30 mA
<b>Limit frequency</b>	60 KHz (500 CPR), 120 KHz (1000 CPR), 240 KHz (2000 CPR)
<b>Limit speed</b>	6600 rpm
<b>Pulse width</b>	180° ± 50°
<b>Phase shift</b>	90° ± 50°
<b>Signal level</b>	Low 0 V; High: +3.5 V (±10%, without load), +3 V (±10%, with load 20 mA)
<b>Max. output current per channel</b>	±150 mA, recommended working current ±20
<b>Working temperature</b>	-20 – 85°C
<b>Storage temperature</b>	-40 – 85°C
<b>Humidity</b>	Max. 90%, non-condensing

### VERSIONS

Type	Index	Line Driver	Signal Voltage V	Cycles per Revolution
NOE1-05-A	Yes	Yes	5	500
NOE1-05-B	Yes	Yes	5	1000
NOE1-05-C	Yes	Yes	5	2000

### ORDER IDENTIFIER

**NOE1-05-A**  
12 = 6 mm, type/ hollow shaft  
14 = 5 mm

### ACCESSORIES

**ZK-NOE1-10-500-S** Encoder Cable  
**ZK-NOE1-10-2000-S** Encoder Cable

### CAUTION

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

### DIMENSIONS (IN MM)

