



TECHNICAL DATA

<b>Resolution</b>	500, 1000 CPR
<b>Signal form</b>	Square wave signal
<b>Output signals</b>	WEDS: Phase A, B, I WEDL: Phase A, A\, B, B\, I, I\
<b>Operating voltage</b>	5 VDC
<b>Current consumption</b>	≤ 60 mA
<b>Limit frequency</b>	100 KHz
<b>Limit speed</b>	1000 CPR = 6000rpm, 500 CPR = 12000rpm
<b>Phase shift</b>	90° ± 45°
<b>Signal level</b>	VH 85% VCC, VL ≤ 0.3V
<b>Max. output current per channel</b>	0 ~ 5 mA
<b>Working temperature</b>	- 25°C ~ 100°C
<b>Storage temperature</b>	- 40°C ~ 100°C
<b>Humidity</b>	30 ~ 85% (no condensation)

VERSIONS

Type	Index	Line Driver	Signal Voltage V	Cycles per Revolution
WEDL5541-A	Yes	Yes	5	500
WEDL5541-B	Yes	Yes	5	1000
WEDS5541-A	Yes	No	5	500
WEDS5541-B	Yes	No	5	1000

ORDER IDENTIFIER

**WEDL5541-A**  
14 = 5 mm shaft diameter  
06 = 6.35 mm shaft diameter

ACCESSORIES

- ZK-WEDL-8-1000-S Encoder Cable
- ZK-WEDL-8-2000-S Encoder Cable
- ZK-WEDL-8-500 Encoder Cable
- ZK-WEDL-8-500-S Encoder Cable
- ZK-WEDS-300-S-SMCI35 Encoder Cable
- ZK-WEDS-5-150-S Encoder Cable
- ZK-WEDS-5-500 Encoder Cable
- ZK-WEDS-5-500-S Encoder Cable

CAUTION

To be able to mount the encoder yourself, you will need to order the additional mounting kit. Your specific encoder with the mounting kit can be found on our website.

DIMENSIONS (IN MM)

