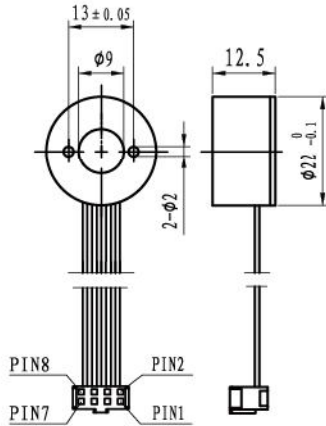
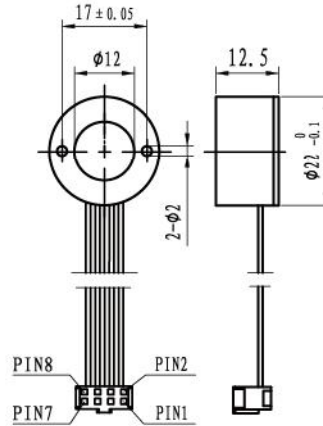


EN22A/EN22AL



EN22B/EN22BL



M 1:1.5

	Without line driver	EN22A	EN22AL	EN22B	EN22BL
<b>Electrical Data</b>	Line driver				
1 Lines per revolution		1024	1024	1024	1024
2 Number of channels		3	3	3	3
3 Max. speed	rpm	20000	20000	20000	20000
4 Supply voltage	V	5	5	5	5
5 Output signal		TTL	TTL	TTL	TTL
6 Index pulse width	°e	90	90	90	90
7 Phase shift, Channel A to B	°e	90	90	90	90
8 Interia of code disc	gcm <sup>2</sup>	0.7	0.7	0.7	0.7
9 Operating temperature range	°C	-40..+125	-40..+125	-40..+125	-40..+125

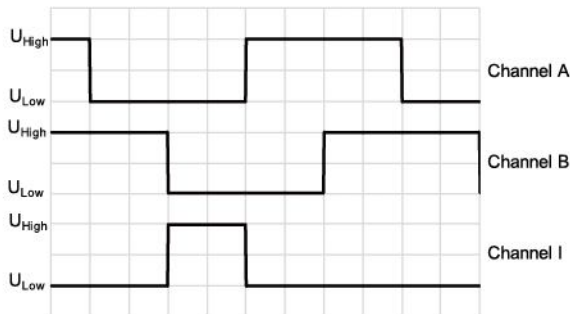
**Features & Configuration**

- Magnetic rotary encoder chip
- Output interface: ABI
- Configuration programmable : Zero position, ABI line per revolution
- ABI binrary pulse count: 1024, 512, 256ppr
- Optional line driver : Provide four channal differential line driver with complementary outputs for EN22AL and EN22BL

**Output Signals**

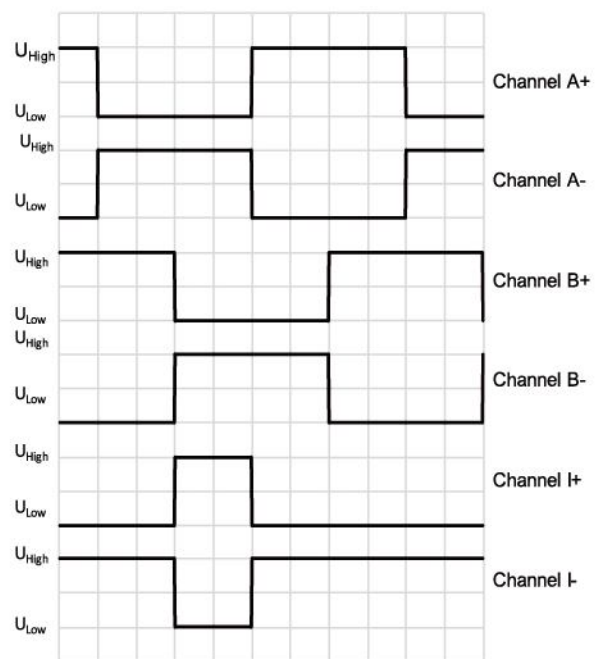
EN22A/EN22B

with counter-clockwise rotation as from the shaft end



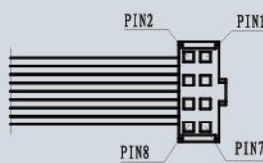
EN22AL/EN22BL

with counter-clockwise rotation as from the shaft end



**Connection**

Conection	EN22A/EN22B	PVC
Pin 1	GND	AWG28
Pin 2	Vcc	AWG28
Pin 3	NC	AWG28
Pin 4	I+	AWG28
Pin 5	NC	AWG28
Pin 6	B+	AWG28
Pin 7	NC	AWG28
Pin 8	A+	AWG28



Conection	EN22AL/EN22BL	PVC
Pin 1	GND	AWG28
Pin 2	Vcc	AWG28
Pin 3	I-	AWG28
Pin 4	I+	AWG28
Pin 5	B-	AWG28
Pin 6	B+	AWG28
Pin 7	A-	AWG28
Pin 8	A+	AWG28