

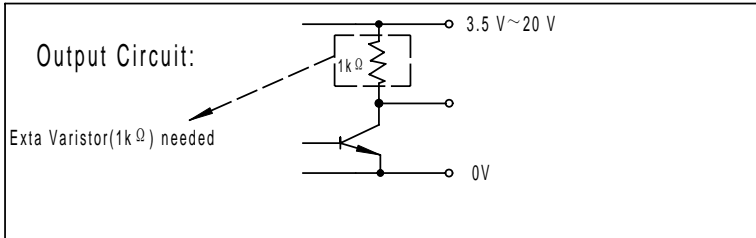
Magnetic Encoders

- 1、Two Channel Hall Effect Encoder
- 2、One Channel Hall Effect Encoder
- ★ Operating relative humidity 20%~85%RH
- ★ Operating temperature range -10℃~+85℃

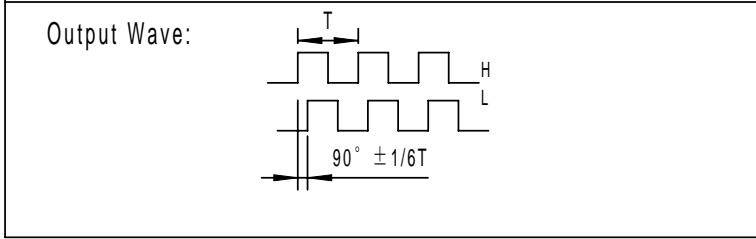
ELECTRICAL CHARACTERISTICS

CHARACTERISTICS	SYMBOL	TEST CONDITIONS	MIN.	REF.	MAX.	UNITS
Input Voltage	Vcc	— — —	3.5	—	20	V
Output Saturation Voltage	Vce(sat)	Vcc=14V ;Ic=20mA	—	300	700	mV
Output Leakage Current	Icex	Vce=14V;Vcc=14V	—	<0.1	10	μ V
Input Current	Ice	Vcc=20V; Output open	—	5	10	mA
Output Rise Time	t _r	Vcc=14V;R _L =820 Ω ;C _L =20pF	—	0.3	1.5	μ S
Output Fall Time	t _f	Vcc=14V;R _L =820 Ω ;C _L =20pF	—	0.3	1.5	μ S

Output Circuit:

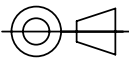


Output Wave:



Connectors:JST PHR-6

Two Channel Encoder Connections: 1、 Black : -motor 2、 Red : +motor 3、 Brown : HALL SENSOR Vcc 4、 Green : HALL SENSOR GND 5、 Blue : HALL SENSOR A Vout 6、 Purple: HALL SENSOR B Vout	One Channel Encoder Connections: 1、 Black : -motor 2、 Red : + motor 3、 Brown : HALL SENSOR Vcc 4、 Green : HALL SENSOR GND 5、 Blue : HALL SENSOR A Vout 6、 Purple: EMPTY
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TITLE: Encoders	Dwg. NO:	Customer No:
Drafted By:	Checked By:	Approved By:
	Date:	Date:
	Scale:1:1 Rev:	Units: mm
	01	Angular: =1° Decimal: x . x x ± 0.05 x . x ± 0.2 x ± 0.3