



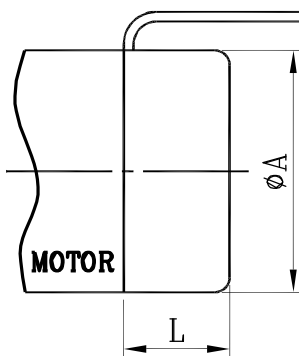
Magnetic Encoder

Two Channel Hall Effect Encoder

One Channel Hall Effect Encoder

20%~85%RH -10°C~+60°C
Operating relative humidity Operating temperature range

APPEARANCE SIZE



* UL1061 AWG26
UL1007 AWG26

6 5 4 3 2 1

suggested connectors

AMP 175788
Molex 51065
JST PH

JST PHR-6
P=2.0-6P

* JST ZHR-6
P=1.5-6P

JST ZH

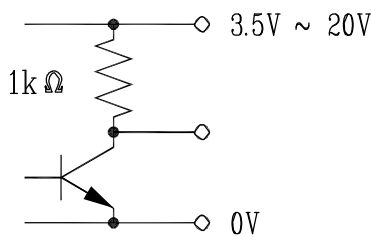
★ WITHOUT CAP

φA	L	COUNTS POLES OF PER TURN (PPR)	
		current	limit.
* φ12	★ 6.5	2, 6 (1, 3)	6 (3)
* φ16	★ 6.5	2, 6 (1, 3)	6 (3)
φ20	★ 8.5	2, 6 (1, 3)	6 (3)
φ27.3	12.6	2, 6, 14, 26 (1, 3, 7, 13)	26 (13)
φ32.3	14.3	14, 26 (7, 13)	26 (13)
φ35.3	13.5	14, 26 (7, 13)	26 (13)
φ42.5	15.5	2, 10, 38 (1, 5, 19)	38 (19)

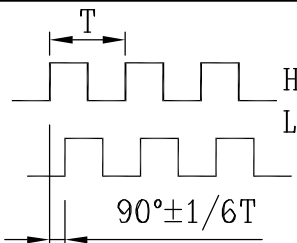
ELECTRICAL CHARACTERISTICS

CHARACTERISTICS	SYMBOL	TEST CONDITIONS	MIN.	REF.	MAX.	UNITS
Supply 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	μV
Supply Current	Ice	Vcc=20V Output open	-	5	10	mA
Output Rise Time	tr	Vcc=14V ; RL=820Ω ; CL=20pF	-	0.3	1.5	μS
Output Fall Time	tf	Vcc=14V ; RL=820Ω ; CL=20pF	-	0.3	1.5	μS

Output Circuit :



Output Wave :



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