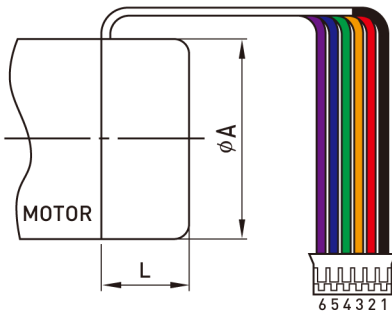


# Magnet Encoder 자기식 엔코더

- 사용 습도(Operating relative humidity) : 20% ~ 85%
- 사용 온도(Operating temperature) : -10°C ~ +60°C

## Two channel Hall Effect Encoder

suggested connectors JST PHR-6 AMP 175788  
P=2.0-6P Molex 51065  
JST PH

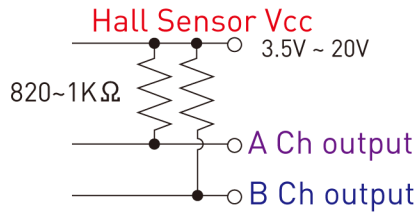


- ※ UL1061 AWG26  
UL1007 AWG26
- ※ JST ZHR-6 JST ZH  
P=1.5-6P
- ☆ WITHOUT CAP

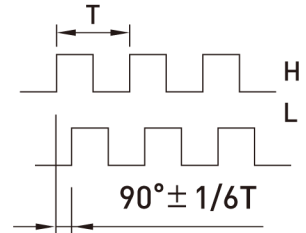
φA	모델명 Motor	L	엔코더 펄스 수 COUNTS POLES OF PER TURN (PPR)
※ φ12	JCI12GM	☆ 6.5	6 [ 3 ]
※ φ16	JCI12GM	☆ 6.5	6 [ 3 ]
φ20	JCI22GM, JC20GM	☆ 8.5	6 [ 3 ]
φ27.3	JCI30,32GM JC30GM 02,03	12.6	26 [ 13 ]
φ32.3	JC37GM 11,12	14.3	26 [ 13 ]
φ35.3	JCI32PGM JC37GM 07,09	13.5	26 [ 13 ]
φ42.5	JCI42GM	15.5	38 [ 19 ]

- 엔코더 컨넥터 핀별내용 :  
Two Channel Encoder Connections :
1. Black : -MOTOR
  2. Red : +MOTOR
  3. Brown : HALL SENSOR Vcc
  4. Green : HALL SENSOR GND
  5. Blue : HALL SENSOR B Vout
  6. Purple : HALL SENSOR A Vout

출력회로 구성  
Output Circuit :



출력 파형  
Output Wave :



## 모터부 사양 (Motor Installation)

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	Vcc=14v ; Vcc=14v	-	0.1	10	uV
Supply Current	Ice	Vcc=20v ; Output open	-	5	10	mV
Output Rise Time	tr	Vcc=14v ; RL=820 Ohm	-	0.3	1.5	uS
Output fall Time	tr	Vcc=14v ; RL=820 Ohm	-	0.3	1.5	uS