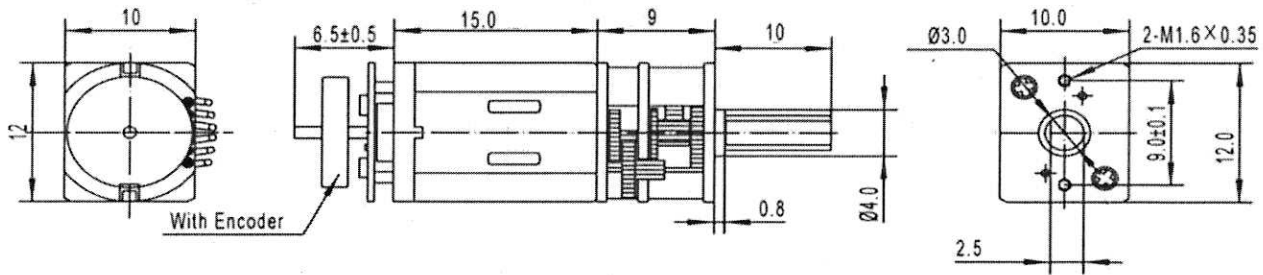


Micro Metal Gearmotor with 12CPR Encoder

Dimensions:



Micro Metal Gearmotor with 12CPR Encoder(Units in MM)

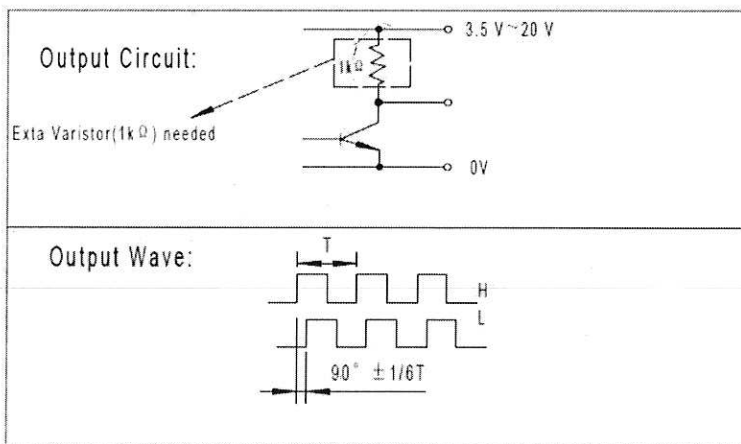
Two Channel Hall Effect Encoder

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	μV
Input Current	Ice	Vcc=20V, Output open	—	5	10	mA
Output Rise Time	t _r	Vcc=14V; R _L =820Ω; C _L =20pF	—	0.3	1.5	μS
Output Fall Time	t _f	Vcc=14V; R _L =820Ω; C _L =20pF	—	0.3	1.5	μS



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