

线束相对于安装孔的位置±30°

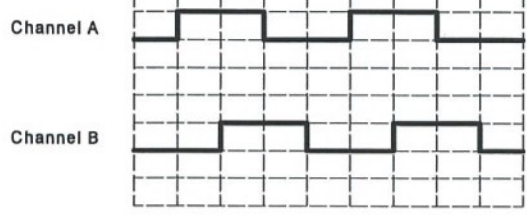
Connector: Lumburg Mica 06

空心杯电机 Coreless Motor		
额定电压/Nominal voltage	12	V
空载转速/No-load speed (±10%)	36	rpm
空载电流/No-load current (max)	63.3	mA
额定转速/Nominal speed	31	rpm
最大连续转矩/Max. continuous torque (motor thermal limit)	300	mNm
最大连续电流/Max. continuous current (motor thermal limit)	0.210	A
堵转转矩/Stall torque	2.36	Nm
堵转电流/Stall current	1.15	A
环境温度范围/Ambient temperature	-20~+65	℃
绝缘等级/Insulation class	B	
重量/Weight	42.3	g
端电阻/Terminal resistance (motor) (±8%)	10.4	Ω
转矩常数/Torque constant (motor) (±8%)	9.84	mNm/A
转速常数/Speed constant (motor) (±8%)	970	rpm/V
转速/转矩斜率/Speed/torque gradient (motor)	1025	rpm/mNm
电机空载转速/No-load speed (motor)	11800	rpm
电刷类型/Brushes type (motor)	Precious metal brushes	
轴向间隙/Axial play (gearhead)	≤0.25	mm
级数/Number of stages (gearhead)	4	
减速比/Reduction ratio (gearhead)	315.22:1	
效率/Efficiency (gearhead)	66%	
类型/Type (encoder)	Incremental, Magnetic	
脉冲/转/Counts per turns (encoder)	16	
通道数/Number of channels (encoder)	2	



PIN No.	功能/Function
1	Motor (+)
2	Vcc (5V)
3	Channel A
4	Channel B
5	GND
6	Motor (-)

输出信号/Output Signal



铭牌/Label Detail

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Motor Type	DCU13028P12-S009
Encoder Type	RS13-16
Gearbox Type	PG13C-0315
Work Order	XXXXXXXX YYYY
Serial No.	

备注：二维码内包含产品名称、工单号、序列号。

A1	EC:24-1389 修改4处	2024.07.23
A0	原始版本 Original revision	2021.08.23
REV.	版本记录 REVISION RECORD	DATE

Unit: mm
 第一角画法
 FIRST ANGLE METHOD

未注线性与角度尺寸公差
 Tolerances for linear and angular dimensions
 without individual tolerance indications
 GB/T 1804-m eqv ISO 2768-1 : m

未注形状与位置尺寸公差
 Geometrical tolerance for features without
 individual tolerance indications
 GB/T 1184-K eqv ISO 2768-2 : K

批准 Approve	
标准化 Standardize	
工艺 Process Review	
审核 Check	
设计 Design	
NAMES	SIGNATURE
DATE	DATE

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