

产品特点

- 响应快，分辨率高；
- 输出电压和角度, 可根据客户的要求设置；

Product Features

- Fast response and high resolution.
- Output voltage and angle can be set according to customer's requirements.

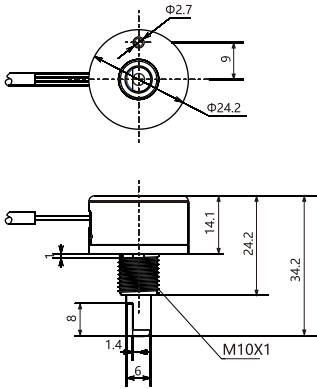
额定规格/性能 Ratings and Specifications



型号 Model	M10
输出方式 Output mode	模拟量输出 Analog output
电源电压 Power supply	4.5~5.5V DC
输出电压 Output Voltage	0.1~4V DC(可根据需求设置)
输出角度 Output Angle	18° (可根据需求设置)
旋转角度 Rotation angle	360°
转轴强度(挤压)Rotary Shaft Strength (extrusion)	≤9.8N
转轴强度(拉伸)Rotary Shaft Strength (tensile)	≤9.8N
旋转扭矩 Rotating torque	≤0. 5N · cm
响应频率 Response frequency	2kHz
线性误差 Linear error	±1 (FS=90°)%FS
过压电压 Overload voltage	12V DC
负载电阻 Load resistance	≥5KΩ
消费电流Current consumption	<12mA
回路保护 Curcuit protection	EMC,ESD 保护(注1)*
连接方式Connection	接插件 Connector
环境温度Ambient temperature	使用时及保存时: -25℃~70℃ Work & store:-25℃~70℃
环境湿度Ambient humidity	使用时及保存时:35%~95%RH Work&store: 35%~95%RH
耐电压Withstanding voltage	1000VAC,50/60Hz 1分钟充电部整体与外壳间 1000VAC,50/60Hz for 1 min between current-carrying parts and case
振动-耐久Anti-vibration	10~55Hz,上下振幅 1.5mm,X,Y,Z各向2小时 10~55Hz, Amplitude 1.5mm,X,Y,Z(2H)
保护结构Protection degree	IEC IP50
绝缘电阻Insulation resistance	≥100MΩ (DC500V megger)
机械寿命 Mechanical life	1000万次旋转(注2)*
外壳材质Housing material	外壳: 黄铜镀镍 Nickel-copper alloy, 转轴: SUS304,

CAD数据

Dimension(尺寸图)
(Unit/单位:mm)



注1: 无逆接保护、短路保护, 注意接线顺序。
No reverse connection protections, short circuit protection, pay attention to the connection sequence.

注2:常温下、不加负载, 20圈/分钟。
20 cycles per minute at room temperature without load.