

OM800A 系列操纵杆

OM800A series joystick

PRODUCT FEATURES

产品特点 »

- 指尖型操作，弹簧自动复位
 - 采用非接触霍尔技术，高可靠性，长寿命
 - 可选择第三轴霍尔电压输出，并组合不同的按钮开关
 - 可根据需要选择不同输出电压范围
 - 可选择外接RS232或USB模块输出
- Fingertip operation , Spring automatic return
 - Adopt non-contact hall technology , high reliability ,long life
 - Third axis hall voltage output option , can assist with different pushbutton
 - Can do different output voltage range as requirement
 - Can choose external interface RS232 or USB mode output

MARKET FOCUS

应用范围 »

- 视频网络控制键盘
 - 医疗设备控制面板
 - 数控机械加工设备操作面板
 - 工业机器人操控面板
- Internet video control keyboard .
 - Medical device control panel
 - CNC machining control panel
 - Industrial robot operate panel



三轴指尖操作手柄
3 axis fingertip operation joystick





ORDERING CODES 产品选型 »

分项选型说明 Sub-item selection instructions

选型: OM800A - ① - ② - ③ - ④

①操作方式

- 1A 单轴操作, 沿Y轴方向
- 2AC 双轴任意方向操作 (无XY轴导向)
- 2AP 双轴十字方向操作

① Operation method

- 1A single operation, along Y axis direction
- 2AC double Arbitrary direction operation (no XY axis guide)
- 2AP double cross direction operation

②输出信号

- H11 霍尔型, 电源电压为5Vdc, 0.5~4.5V电压输出
- H12 霍尔型, 电源电压为5Vdc, 0~5V电压输出
- H21 冗余霍尔型, 电源电压为5Vdc, 0.5~4.5V和4.5~0V电压输出
- H22 冗余霍尔型, 电源电压为5Vdc, 0~5V和4.5~0V电压输出
- W11 霍尔型, 电源电压9~32Vdc, 0.5~4.5V电压输出
- W12 霍尔型, 电源电压9~32Vdc, 0~5V电压输出
- W21 冗余霍尔型, 电源电压9~32Vdc, 0.5~4.5V和4.5~0.5V电压输出
- W22 冗余霍尔型, 电源电压9~32Vdc, 0~5V和5.0~0V电压输出
- RS232* RS232串口数字信号输出
- USB* USB接口数字信号输出

注: *所标注的选项, 为定制选项, 需要选配外接模块

② Out signal

- H11= Hall type DC5V power source, output voltage 0.5V~4.5V
- H12= Hall type DC5V power source, output voltage 0.5V~5V
- H21= Redundancy Hall type DC5V power source, output voltage 0.5V~4.5V and 4.5~0V
- H22= Redundancy Hall type DC5V power source, output voltage 0.5V~5V and 4.5~0V
- W11= Hall type DC9~32V power source, output voltage 0.5V~4.5V
- W12= Hall type DC9~32V power source, output voltage 0.5V~5V
- W21= Redundancy Hall type ,DC9~32V power source, output voltage 0.5V~4.5V and 4.5~0V
- W22= Redundancy Hall type ,DC9~32V power source, output voltage 0.5V~5V and 4.5~0V
- RS232*=RS232 serial digital signal output
- USB*=USB connection digital signal output

NOTE :* remark option, customized option , need optional external modular

③手柄上端

- ZG0 ZG上端, 无按钮开关, 无模拟量
- ZG1 ZG上端, 有一个轻触按钮开关, 有Z轴模拟量
- ZG2 ZG上端, 有两个轻触按钮开关, 有Z轴模拟量
- ZG3 ZG上端, 无按钮开关, 有Z轴模拟量,
- ZG4 ZG上端, 有一个轻触按钮开关, 无模拟量
- ZG5 ZG上端, 有两个轻触按钮开关, 无模拟量
- ZH ZH上端, 有一个轻触按钮开关, 有Z轴模拟量
- ZL0 ZL上端, 无按钮
- ZL1 ZL上端, 有一个按钮开关
- MF MF上端

注: 上述按钮型式, 可参考产品外形尺寸图

③ Handle top parts

- ZG0 ZG top parts , no pushbutton , no analog data
- ZG1 ZG top parts , 1 pushbutton , Z axis analog data
- ZG2 ZG top parts , 2 pushbutton , Z axis analog data
- ZG3 ZG top parts , no pushbutton , Z axis analog data
- ZG4 ZG top parts , 1 pushbutton , Z axis analog data
- ZG5 ZG top parts , 2 pushbutton , Z axis analog data
- ZH ZH top parts , 1 pushbutton , Z axis analog data
- ZL0, ZL top parts, no button
- ZL1, ZL top parts, 1 pushbutton
- MF MF top parts

Note: product drawing can be refer to above button type

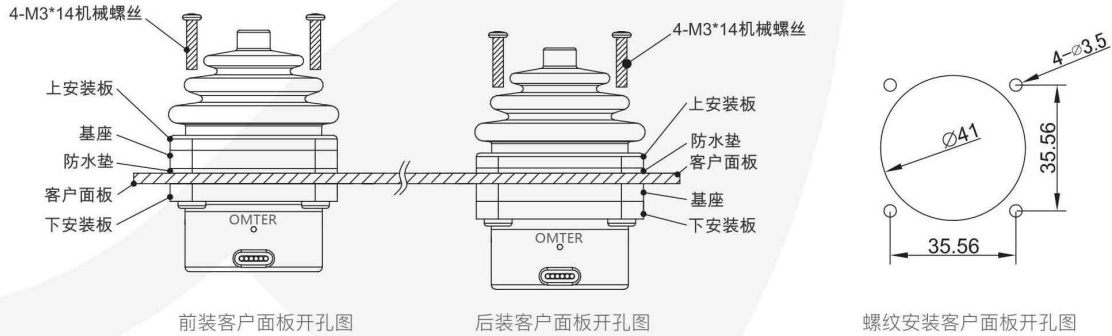
④出线方式

- L 直接出线, 线长210mm
- C 接插件输出, 仅为OEM客户定制

④ Wiring mode

- L Directly wiring , wire length 210mm
- C Connector output , only OME

MECHANICAL INSTALLATIONS 机械安装 »



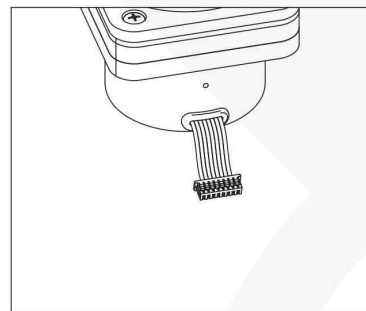
注意：建议客户面板厚度≤4mm

ELECTRICAL CONNECTIONS 电气安装 »

线序 Line no	线色 wire color	功能(Function)		
		ZG/ZH上端 top parts	ZL上端 top parts	MF上端 top parts
1	红色 Red	5Vdc (电源电压) 或9-32Vdc (power voltage) or	5Vdc (电源电压) 或9-32Vdc (power voltage) or	5Vdc (电源电压) 或9-32Vdc (power voltage) or
2	黑色 Black	接地GND	接地GND	接地GND
3	蓝色 Blue	Xout (X轴输出) (X axis output)	Xout (X轴输出) (X axis output)	Xout (X轴输出) (X axis output)
4	黄色 Yellow	Yout (Y轴输出) (Y axis output)	Yout (Y轴输出) (Y axis output)	Yout (Y轴输出) (Y axis output)
5	绿色 Green	Zout (Z轴输出) (Z axis output)		
6	白色 White	SWcom (开关公共端)	SWcom (开关公共端)(switch common port)	
7	棕色 Brown	SW1 (按钮开关1输出)	SW1 (按钮开关1输出) (pushbutton 1 output)	
8	紫色 Purple	SW2 (按钮开关2输出)(pushbutton 2 output)		

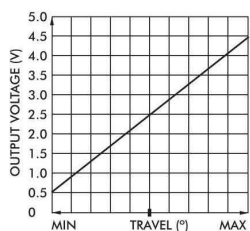


直接出线
directly wire

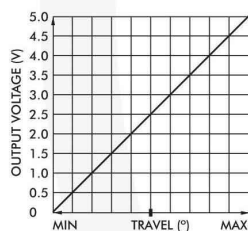


接插件出线
Connector output

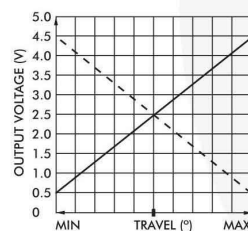
输出信号曲线: Output signal curve:



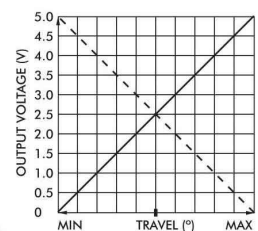
输出信号H11/W11
Output signal H11/W11



输出信号H12/W12
Output signal H12/W12



输出信号H21/W21
Output signal H21/W21



输出信号H22/W22
Output signal H22/W22