

温州联宝贸易有限公司

Wenzhou Linp Trading co., ltd.

乐清市欧姆特尔电子科技有限公司

Yueqing Omtter electronic technology co., ltd.

OM1200 系列工业手柄 OM1200 series industry handle



产品特点Product characteristic.

- ◀ 外观小巧，可紧凑型安装。
The appearance small, could compact installation
- ◀ 弹簧自动复位，指尖型操作。
Spring automatic return, fingertips-type operation
- ◀ 单轴前后方向操作。
Could single axis front and rear direction operation
- ◀ 非接触单霍尔或双霍尔传感器，无方向开关。
Non-contact single Hall or double Hall sensor, non-directional switch
- ◀ 可根据需要选择不同的输出电压范围。
Could select different output voltage range

应用范围Application scope

该系列产品主要应用于工业遥控器、各种工程车辆或工业机械设备的控制面板。

This series of products are mainly used in industrial remote control, various engineering vehicles or industrial machinery and equipment control panel.

技术参数 Technical parameter

机械参数 Mechanical parameter

摇动角度: ± 30
Swing angle: ± 30
使用寿命: 大于 1000万次
Service life: Is bigger than 1,000,000 times
操作力: 7.2N (最大)
Operation strength: 7.2N (biggest)
限位力: 100N
Limit strength: 100N
重量: 45g
Weight: 45g

电气参数 Electrical parameter

输入电压: $5V \pm 0.5V$
Input voltage: $5V \pm 0.5V$
最大电源电流: 11mA
Maximum supply current: 11mA
电压输出最大输出电流: 15mA
The maximum output current of the voltage output: 15mA
死区角度: $< \pm 3$ 度
Dead zone angle: $< \pm 3$ degree
死区输出电压: $< 2.5V \pm 0.5V$
Dead zone output voltage: $< 2.5V \pm 0.5V$
输出电压线性误差: $< 10\%$
Output voltage linearity error: $< 10\%$
输出电压漂移: 小于100mV
The output voltage drift: less than 100mV

环境参数 Environment parameter

工作温度: $-40^{\circ}\text{C} \sim +80^{\circ}\text{C}$
Operating temperature scope: $-40^{\circ}\text{C} \sim +80^{\circ}\text{C}$
防护等级: IP67
Protection rank: IP67

产品选型Product Selection

OM1200 - □□□

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分项选型说明Sub-item selection instructions

① 产品系列号Product series number

OM1200系列工业手柄

OM1200 series industry handle

② 输出信号Output signal

H51=单霍尔传感器, 电源电压 V_s 为5Vdc, 10% ~50% ~90% V_s 电压输出

H51= Single Hall sensor, supply voltage V_s is 5Vdc, 10%`50%`90% V_s voltage output

H52=单霍尔传感器, 电源电压 V_s 为5Vdc, 0% ~50% ~100% V_s 电压输出

H52= Single Hall sensor, supply voltage V_s is 5Vdc, 0%`50%`100% V_s voltage output

H53=单霍尔传感器, 电源电压 V_s 为5Vdc, 25% ~50% ~75% V_s 电压输出

H53= Single Hall sensor, supply voltage V_s is 5Vdc, 25%`50%`75% V_s voltage output

2H51=双霍尔传感器, 电源电压 V_s 为5Vdc, 10% ~50% ~90% V_s 电压输出

2H51= Double Hall sensor, supply voltage V_s is 5Vdc, 10%`50%`90% V_s voltage output

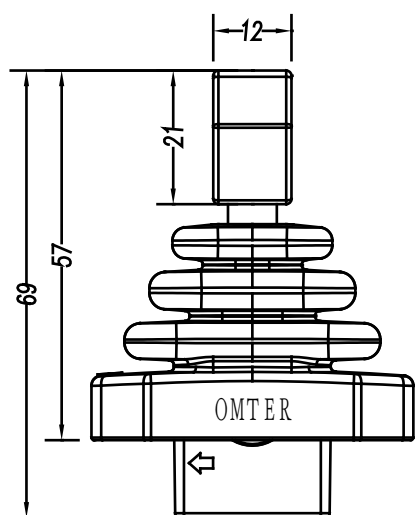
2H52=双霍尔传感器, 电源电压 V_s 为5Vdc, 0% ~50% ~100% V_s 电压输出

2H52= Double Hall sensor, supply voltage V_s is 5Vdc, 0%`50%`100% V_s voltage output

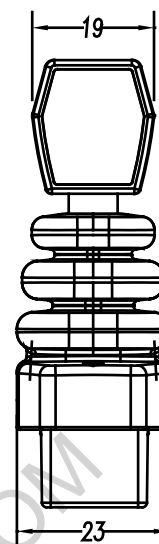
2H53=双霍尔传感器, 电源电压 V_s 为5Vdc, 25% ~50% ~75% V_s 电压输出

2H53= Double Hall sensor, supply voltage V_s is 5Vdc, 25%`50%`75% V_s voltage output

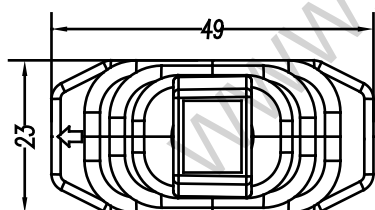
外形尺寸 External dimensions



正视图 Front view

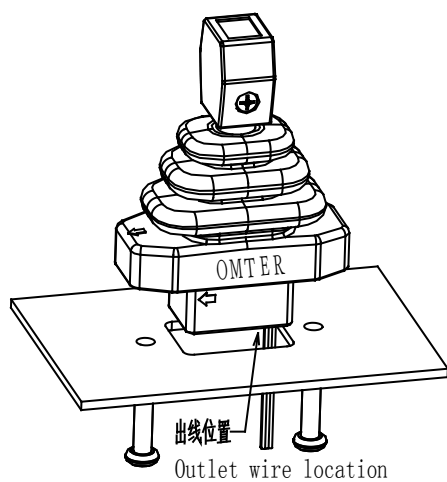


侧视图 Lateral view

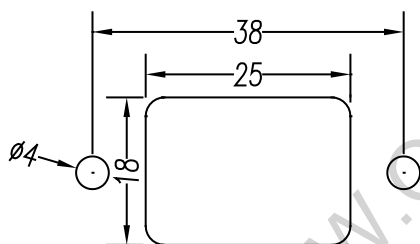


俯视图 Vertical view

机械安装 Machinery installation



安装示意图 Installs the schematic drawing



安装面板开孔示意图 Mounting panel to the open hole schematic drawing

脚号	线色	功能
1	红	5V
2	黑	0V
3	白	Aout
4	兰	Bout

Number	wire color	Function
1	red	5V
2	black	0V
3	white	Aout
4	blue	Bout

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