MUJIE 慕杰®
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舌簧传感器MSH12系列
Tongue spring sensor MSH12series

结构简单，体积小，吸合功率小，灵敏度高，
且触点密封，不受尘埃、潮气及有害气体污染，
动片质量小，动程小。

Simple structure, small volume, small
pickup power, high sensitivity,
The contacts are sealed and free from
dust, moisture and harmful gases,
The moving piece has small mass and
small moving range.

▶ 型号说明Model Explanation

M	SH	12	-10	D	K	-Z	-□	-□
基本型号Model M:型号代码 Model code M□: 特殊型号定义 Speciall definition	传感器类别: Sensor Category SH:舌簧传 感器Lingual reed transmission Sensilla	直径OD: 12:12mm	检测距离 Sensing distance : 10:10mm	输出方式Output configuration : D:直流两线输出 DC 2-wire A:交流两线输出 AC 2-wire	输出状态 Operation mode: K:常开 NO B:常闭 NC	产品等级 Product grade: Z:Z级	线缆长度 Cable length (标配2米 Standard Cable length is 2m) 5：5m	客户定制 Customized informat

▶ 产品种类Product Category

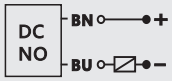
型号 Model	形状 Appearance	检测距离 Sensing distance	输出规格 Output configuration	动作状态 Operation mode	连接方式 Connection mode
MSH12-10DK-Z	埋入 Shielded	10mm	D:直流两线输出 DC 2-wire A:交流两线输出 AC 2-wire	K:常开 NO B:常闭 NC	导线引出/航插 Cable line/Plug

▶ 技术规格Specification

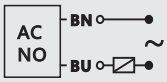
型号Type	MSH12-10D/A
电源电压 Voltage	10-30VDC
检测距离 Sensing distance	10mm
消耗电流 Leakage current	<1mA
极性保护 Polarity protection	Yes/Yes
工作状态指示灯 Indicator	动作显示(红色LED)　Operation indicator(Red LED)
环境温度 Ambient temperature	-25~+70°C(不结冰with no icing)
环境湿度 Ambient humidity	工作时/保存时 Operating/Storage:35~95°RH
浪涌保护 Surge protection	Yes
短路保护 Short circuit protection	NO
重复精度Repeat precision	<3%
负载电流Load current	< 200 mA
回差范围Backlash	1-20%
压降 Drop	<2V
响应时间 response time	50ms
检测物体 Detect objects	磁铁（干簧管输出）Magnet (Reed output)
防护等级 Degree of protection	IEC IP67
外壳Case	黄铜镀镍 Nickel plated brass

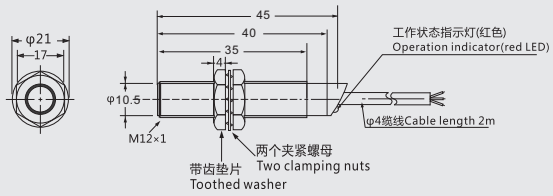
▶ 电路输出方式(示例) Example for output circuit

直流两线输出 DC 2-wire



交流两线输出 AC 2-wire



▶ 安装尺寸图 Mounting Dimensions(单位Unit:mm)

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