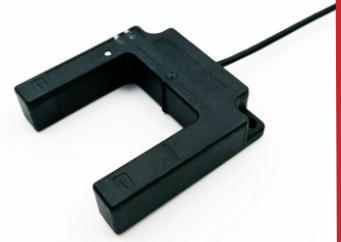


MUJIE 慕杰®

YOUR AUTOMATION.YOUR MUJIE!

内置直流发射器发射接收一体，
便于安装保护，灵敏度可以调节



槽型光电传感器MU50系列

Slot photoelectric sensor MU50 series

Built in DC transmitter and receiver,
easy to install, and the protection
ensitivity can be adjusted

► 型号说明 Model Explanation

M	U	-50	T	N	K	-Z	-□	-□
基本型号 Model M:型号代码 Model code M□:特殊型号定义 Special definition	传感器类别: U-槽型光电 U-shape photoelectric sensor	检测距离 Sensing distance: 50:50mm	检测方式 Sensing method: T:对射 Throughbeam	输出方式 Output configuration: N:NPN输出 DC 3-wire,NPN P:PNP输出 DC 3-wire,PNP	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
MU-50TNK-Z		50mm	N:NPN输出 DC 3-wire,NPN P:PNP输出 DC 3-wire,PNP	K:常开 NO B:常闭 NC	导线引出 Cable line

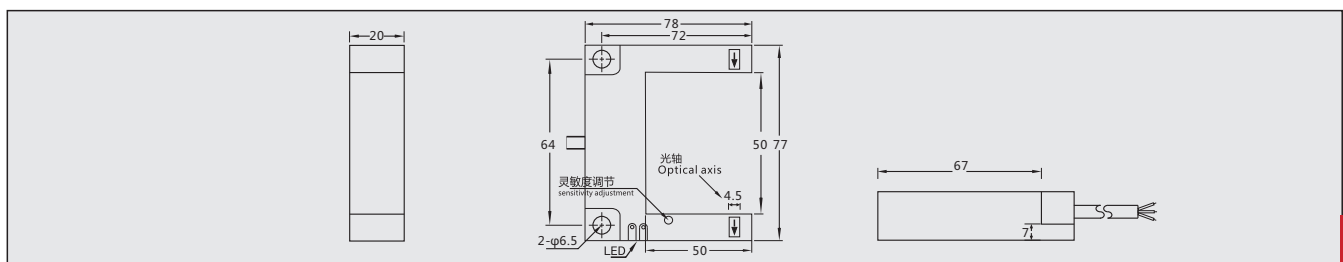
► 技术规格 Specification

型号 Type	MU-50 N/P
电源电压 Voltage	直流:10-30VDC
检测距离 Sensing distance	50mm
光源 Light source	红外发光二极管 Infrared LED
消耗电流 Leakage current	40mA max.
响应时间 Response time	1ms max.
输出/电源指示 Output/Power indication	-/红色LED Red LED
回路保护 Protection circuits	电源逆向保护,输出短路保护 Power supply reverse polarity, Output short-circuit protection
环境照度 Ambient illumination	太阳光 Sunlight:10000lx,白炽灯 Incandescent lamp:3000lx
环境温度 Ambient temperature	-25 ~ +55°C
环境湿度 Ambient humidity	工作时/保存时 Operating 35~85%RH/Storage:35~95%RH(不结露 with no condensation)
绝缘电阻 Insulation resistance	20MΩ max. (DC500V) 充电部总体与外壳间 Between current-carrying parts and case
耐压 Dielectric strength	AC500V max. 50~60Hz 1min 充电部总体与外壳间 Between current-carrying parts and case
重复精度 Repeat precision	<5%
负载电流 Load current	<200mA
压降 Drop	<1.5V
冲击(耐久) Shock resistance	500m/s² X, Y, Z各方向10次 500m/s² 10 times each X, Y and Z directions
防护等级 Degree of protection	IEC IP64
外壳 Case	PC

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



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



编码器/磁栅尺
Encoder/Magnetic Scale

位移/倾角/计数器
Displacement /Inclination /Counter

接近/加速度/温度
Proximity/Acceleration/Temperature

光电/超声波/区域
Photoelectric/Ultrasonic/Area

压力/称重
Pressure / load cell

联轴器/附件
Couplings/Accessories