

MUJIE 慕杰®

结合了小光斑尺寸和快速响应可完成高速对比检测工作，有效检测各种表面上的多种颜色之间的对比差异

矩形色标传感器MSB系列
Rectangular color code sensor MSB series

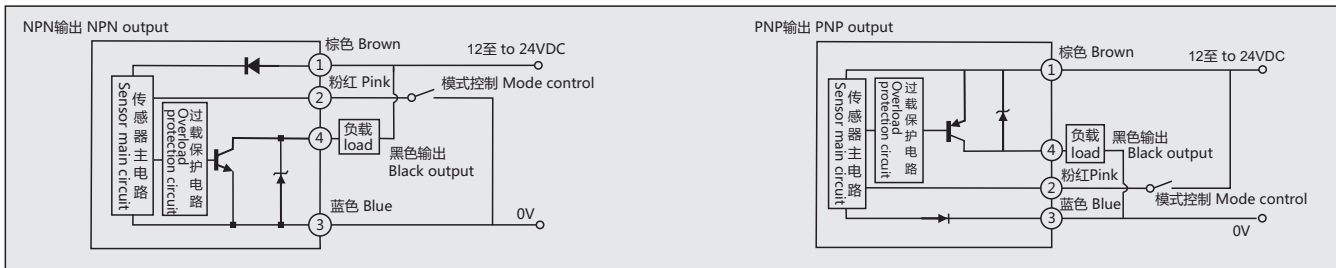
Combined with small spot size and fast response, it can complete high-speed contrast detection, and effectively detect the contrast differences between various colors on various surfaces



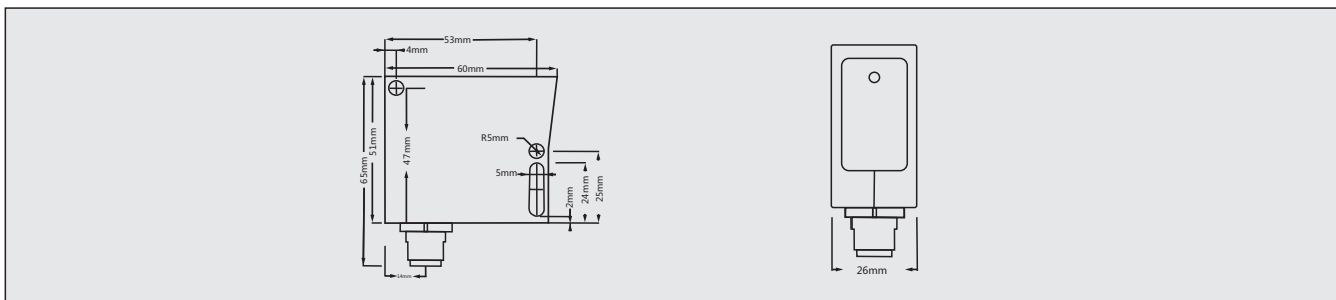
► 型号说明 Model Explanation

白光光源 White light source	宽光谱 LED 灯, 最低寿命 Wide spectrum LED lamp, minimum service life 100,000 小时 100000 hours
感应距离 Induction Distanc	28mm
光斑尺寸 (直径)Facula size (diameter)	3mm
景深 Depth of field	距焦点 +/-3 mm (大约 28mm) +/-3 mm from focus (approx. 28mm)
响应时间 Response Time	25uS
开关频率 Switching frequency	40kHz
LED 灯强度 LED lamp intensity	3级 Level 3
灰度 Grayscale	00到50 00 to 50
控制装置 Control device	MARK和BKGD键 Mark and bkgd keys
数字输出 Digital output	自动检测 PNP / NPN Auto detect PNP / NPN
模拟输出 Analog output	0...5V(分辨率20mV) 0...5V (resolution 20mV)
电源指示器 Power indicator	绿色 LED 灯 Green LED
检测指示器 Detection indicator	红色LED灯 Red LED
编程指示器 Programming indicators	红色/绿色LED灯 Red/green LED
数据保存 Data Storage	EEPROM值读存储器 EEPROM value read memory
尺寸 size	51mm x 61mm x 25mm
重量 Weight	95 g
电源电压 Supply Voltage	10...30 VDC
工作电流 working current	60 mA
短路保护 Short circuit protection	数字输出 Digital output
过载/反极性保护 Overload/reverse polarity protection	电源电压 Supply voltage
工作温度 Operating temperature	-20°C...55°C
存储温度 Storage temperature	-20°C...70°C
外壳 Enclosure	ABS
机械保护 Mechanical Protection	IP67

► 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