

MUJIE 慕杰®

YOUR AUTOMATION.YOUR MUJIE!

适用于多种用途，产品性能好，品质好，金属外壳，便于安装保护，灵敏度可调节

圆柱形激光传感器MPJ18系列 Cylindrical laser sensor MPJ18 series

It is suitable for a variety of purposes. The product has good performance and quality. The metal shell is easy to install and protect, and the sensitivity is adjustable



► 型号说明 Model Explanation

| M | J | 18 | -10 | D | 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: J:圆柱形激光 Sensor category: Jp: cylindrical laser | 直径OD: 18:18mm | 检测距离: Detection distance: 10-70cm | 检测方式 Sensing method: D:漫反射 Diffuser-reflective R:回归反射Retro- Reflective with MSR function 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 A:交流两线输出 AC 2-wire | 输出状态 Operation mode: K:常开 NO B:常闭 NC KB:常开+常闭 NO+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 |

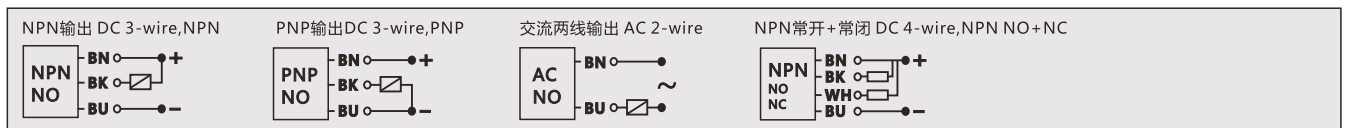
► 产品种类 Product Category

| 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 |
|---------------|---------------|-----------------------|----------------------------------------------------------------------|-----------------------------------------|----------------------|
| MJP18-30DNK-Z | | 30cm | N:NPN输出 DC 3-wire,NPN P:PNP输出 DC 3-wire,PNP A:交流两线输出 AC 2-wire | K:常开 NO B:常闭 NC KB:常开+常闭 NO+NC | 导线引出 Cable line |
| MJP18-50DNK-Z | | 50cm | | | |

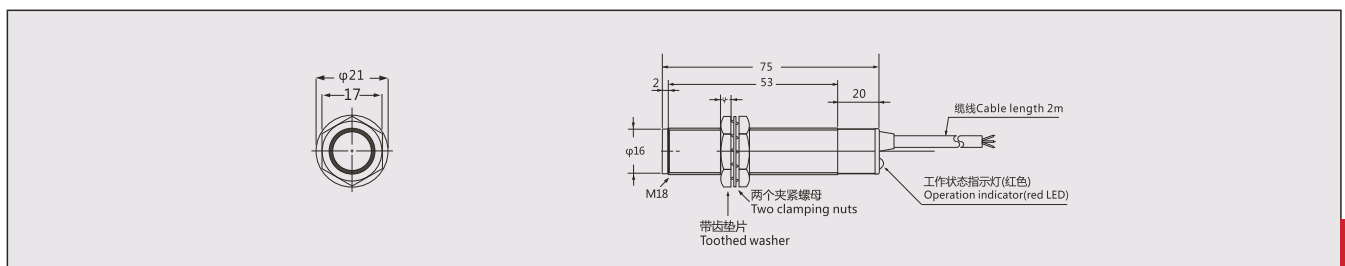
► 技术规格 Specification

| 型号 Type | MJP18-10DNK-Z | |
|---------------------------------|-------------------------------------------------------------------------------------------|--------------------|
| 电源电压 Voltage | 直流NPN/PNP/DC:10-30VDC | 交流AC:220VAC |
| 检测距离 Sensing distance | 10-70CM | |
| 光源 Light source | 红外发光二极管 Infrared LED | |
| 应差距离 Differential travel | 检测距离的10%以下 10% max. of sensing distance | |
| 消耗电流 Leakage current | 30mA max. | AC :350mA DC:100mA |
| 响应时间 Response time | 2ms 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 (不结冰 with no icing) | |
| 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 | |
| 耐电压 Dielectric strength | AC1000V 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 | |
| 振动(耐久) Vibration resistance | 10~55Hz复振幅 1.5mm X, Y, Z各方向 2h double amplitude for 2 hours each in X, Y and Z directions | |
| 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 IP67 | |
| 材质 Material(外壳 Case/透镜 Lens) | 镀镍黄铜 Brass-nicke plated /PMMA | |

► 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