

**MUJIE 慕杰®**  
YOUR AUTOMATION, YOUR MUJIE!

本系列产品有各种尺寸的磁源体匹配私用非接触式磁环编码器有多种安装尺寸，使用更加精准

## 磁环编码器MCH系列

**This series of products have various sizes of magnetic source to match the private non-contact magnetic ring encoder, which has a variety of installation sizes and is more accurate to use**



### ► 型号说明Model Explanation

| MCH                            | 163                                                                             | -D83               | PZ                                                        | J                                                            | -05L                                                 | -1024BZ                                                                      | -3M                                     | □                                   | □                              |
|--------------------------------|---------------------------------------------------------------------------------|--------------------|-----------------------------------------------------------|--------------------------------------------------------------|------------------------------------------------------|------------------------------------------------------------------------------|-----------------------------------------|-------------------------------------|--------------------------------|
| 基本型号<br>The basic model<br>MCH | 磁环外径: Outer diameter of magnetic ring<br>42 82<br>115 122<br>160 163<br>203 285 | 孔径: aperture<br>83 | 读数头朝向<br>Reading head orientation<br>LZ<br>LB<br>PZ<br>PB | 支架形状<br>Support shape<br>A,B,C,D,<br>E,F,J,H,I,<br>J,K,L,M,N | 输出方式:<br>Output mode:<br>05L:5V长线驱动<br>输出<br>V: 1VPP | 分辨率/磁极对数<br>Resolution / pole pairs<br>1024<br>2048<br>4096<br>8192<br>16384 | 线缆长度:<br>Cable length<br>3米<br>5米<br>8米 | HC:<br>航空<br>插头<br>aviation<br>Plug | 客户定制<br>Customized<br>informat |

型号说明: MCH122-D83PZJ-05L-1024BZ-3M

( MCH型读数头, 外径122,孔径83, 直板朝向PZ,J形支架, 5V长线驱动输出, 分辨率1024PPr, 3米线缆, 无插头。)

### ► 选型规格表Model selection specification table

| 型号  | 客户端最大孔径(mm) | 读数头(倍数)  | 可实现分辨率(p/r)     | 最高转速                    |
|-----|-------------|----------|-----------------|-------------------------|
| 42  | 21.5        | 2/4/8    | 64/128/256      | 140000~35000            |
|     |             | 10/16    | 320/512         | 14000~8800              |
|     |             | 20/32/64 | 640/1024/2048   | 3500~1100               |
| 82  | 61.5        | 2/4/8    | 128/256/512     | 140000~35000            |
|     |             | 10/16    | 640/1024        | 14000~8800              |
|     |             | 20/32/64 | 1280/2048/4096  | 3500~1100               |
| 115 | 94.5        | 2/4/8    | 180/360/720     | 100000~25000            |
|     |             | 10/16    | 900/1440        | 1000~6250               |
|     |             | 20/32/64 | 1800/2880/5760  | 2500~780                |
| 122 | 101.5       | 2/4/8    | 192/384/768     | 95000~23000             |
|     |             | 10/16    | 960/1536        | 9300~6000               |
|     |             | 20/32/64 | 1920/3072/6144  | 2300~750                |
| 160 | 139.5       | 2/4/8    | 250/500/1000    | 72000~18000             |
|     |             | 10/16    | 1250/2000       | 7200~4500               |
|     |             | 20/32/64 | 2500/4000/8000  | 1800~560                |
| 163 | 142.5       | 2/4/8    | 256/512/1024    | 70000~17500             |
|     |             | 10/16    | 1280/2048       | 7000~4400               |
|     |             | 20/32/64 | 2560/4096/8192  | 1750~550                |
| 203 | 182.5       | 2/4/8    | 320/640/1280    | 56000~14000             |
|     |             | 10/16    | 1600/2560       | 5600~!3500              |
|     |             | 20/32/64 | 3200/5120/10240 | 1400~440                |
| 285 | 264.5       | 2/4/8    | 448/896/1792    | 40000,20000,16000,10000 |
|     |             | 10/16    | 2240/3584       | 4000~2500               |
|     |             | 20/32/64 | 4480/7168/14336 | 1000~300                |

磁源体磁圈规格:

按照磁间距大小分为：0.5mm, 1.0mm, 2.0mm三种。

磁环外形尺寸与现有磁间距2.0mm磁环一致。

举例说明：外径82的磁源体使用磁间距2.0mm磁圈时，磁极对数是64，

如果使用磁间距为1.0mm的磁圈后，磁极对数是128。

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

► 磁源体型号说明（尺寸单位mm）

| 磁圈<br>安装<br>方式       | 基本<br>型号 | 磁源<br>体外<br>径型号 | 磁源<br>体厚<br>度           | 磁源体最<br>大孔径 | 安<br>装<br>附<br>件 | 键宽*键深/数量                                                  | 安装孔*<br>坐标(安装孔形成的圆直径)<br>/数量 | 拆卸孔/数量                               | 盖板/护罩 |
|----------------------|----------|-----------------|-------------------------|-------------|------------------|-----------------------------------------------------------|------------------------------|--------------------------------------|-------|
| 磁圈<br>包在<br>磁源<br>体内 | MCH      | 42              | /16<br>标准<br>厚度<br>16mm | 21.5        | MCH 42           | 10*5/2:此组代码表示<br>键槽宽度10mm。深度<br>5mm,2个键槽。<br><br>无键槽此处可省略 | 无安装孔此处可省略                    | M6/2:此组代码表示<br>拆卸工艺孔配M6螺钉,<br>2个工艺孔, | G:盖板  |
|                      |          | 82              |                         | 61.5        | MCH 82           |                                                           | 82标注K6.5*61.5/4              |                                      |       |
|                      |          | 115             |                         | 94.5        | MCH115           |                                                           | 115标注K6.5*94.5/4             |                                      |       |
|                      |          | 122             |                         | 101.5       | MCH122           |                                                           | 122标注6.5*101.5/4             |                                      |       |
|                      |          | 160             |                         | 139.5       | MCH160           | 键槽标注如下:                                                   | 160标注K6.5*139.5/4            |                                      |       |
|                      |          | 163             |                         | 142.5       | MCH163           |                                                           | 163标注K6.5*142.5/4            |                                      |       |
|                      |          | 203             | /11<br>最薄<br>11mm       | 182.5       | MCH203           | 4*2                                                       | 203标注K6.5*182.5/4            |                                      | H:护罩  |
|                      |          | 285             |                         | 264.5       | MCH285           | 6*3                                                       | 285标注K6.5*264.5/4            |                                      |       |
|                      |          |                 |                         |             |                  | 8*4                                                       |                              |                                      |       |
|                      |          |                 |                         |             |                  | 10*5                                                      |                              |                                      |       |
|                      |          |                 |                         |             |                  | 12*6                                                      |                              |                                      |       |
|                      |          |                 |                         |             |                  | 32*10                                                     |                              |                                      |       |
|                      |          |                 |                         |             |                  |                                                           |                              |                                      |       |
|                      |          |                 |                         |             |                  |                                                           |                              |                                      |       |
|                      |          |                 |                         |             |                  |                                                           |                              |                                      |       |
|                      |          |                 |                         |             |                  |                                                           |                              |                                      |       |
|                      |          |                 |                         |             |                  |                                                           |                              |                                      |       |
|                      |          |                 |                         |             |                  |                                                           |                              |                                      |       |
|                      |          |                 |                         |             |                  |                                                           |                              |                                      |       |

► 电缆线线色说明 Cable Color Explanation

MCH-接线表

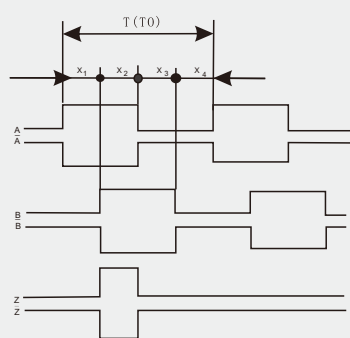
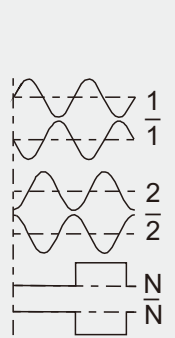
| 信号线Signal     | 红Red | 黑Black | 绿Green | 白White | 黄Yellow | 棕Brown | 灰Gray | 橙Orange | 屏蔽线Shield |
|---------------|------|--------|--------|--------|---------|--------|-------|---------|-----------|
| 方波Square wave | 5V   | 0V     | A      | B      | Z       | A/     | B/    | Z/      | N.C       |

注1：电缆颜色若有更改，恕不另行通知，请以编码器标签或说明书上的颜色定义为准。Note1：Please refer to color table or product instruction to connect wires.Chang of wire color will not be informed respectively.  
注2：电缆线标准线长2米，如需其他规格在订货中备注说明。Note2：Standard cable length is 2m.Other length can be customized.

► 技术规格Specification

| 电气参数 Electric parametar             |                           |                         |                            |
|-------------------------------------|---------------------------|-------------------------|----------------------------|
| 输出电路 Output circuit                 | 长线驱动 Line Drver (26LS31)  |                         |                            |
| 电源电压Mains voltage                   | Dc5±0.25V                 |                         |                            |
| 消耗电流Current consumption             | ≤ 200mA                   |                         |                            |
| 允许输入角加速度                            | 10000rad/s <sup>2</sup>   |                         |                            |
| 信号高电平Signal high electrical level   | ≥2.5V                     |                         |                            |
| 信号低电平Signal low electrical level    | ≤0.5V                     |                         |                            |
| 分辨率PPR                              | 见选型规格表                    |                         |                            |
| 响应频率Response frequency              | ≤ 300KHz                  |                         |                            |
| 机械及环境参数Mechanical and Environmental |                           |                         |                            |
| 径向负载 Radial load                    | ≤30N                      | 抗冲击 Concussion resist   | 490m/s <sup>2</sup>        |
| 轴向负荷Axial load                      | ≤15N                      | 抗振动Vibration resist     | 50m/s <sup>2</sup>         |
| 起动力矩 Storque                        | 3X10 Nm                   | 工作温度Working temperature | - 20℃~+85℃                 |
| 最高转速 Tiptop rotate speed            | 见选型规格表                    | 储存温度Storing temperature | - 30℃~+95℃                 |
| 转动惯量 Runing inertia                 | 6X10-5kgm                 | 相对湿度Relatively humidity | ≤RH85%无结露No icing          |
| 附件The attachment                    | A,B,C,D,E,F,G,H,I,J,K,L,M | 防护等级Protect grade       | IP65                       |
| 读数头Reading head                     | P,L                       | 外径OD                    | 82,115,122,160,163,203,285 |

► 输出波形与信号位置精度Output waveform and signal position accuracy

|                                                                                                                                                                                                                                                            |                                                                                       |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| 方波                                                                                                                                                                                                                                                         | 正余弦波                                                                                  |
|                                                                                                                                                                         |  |
| 波形比: X1+X2=0.5T±0.1T<br>X2+X3=0.5T±0.1T<br>相位差:Xn≥0.125T(n=1.2.3.4)<br>绝对角度误差:≤0.2T<br>周期误差: ≤0.05T<br>T=360° /N(N为每转输出脉冲数)<br>Z路信号宽度<br>1、Tm=1T±0.5T<br>Tm=nT±0.1T(n≥2)<br>Z路信号与A、B路信号相位关系不做规定<br>2、Tm=0.5T±0.25T<br>Tm=0.25T±0.125T<br>Z路信号上升沿与B路信号上升沿对齐 |                                                                                       |

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

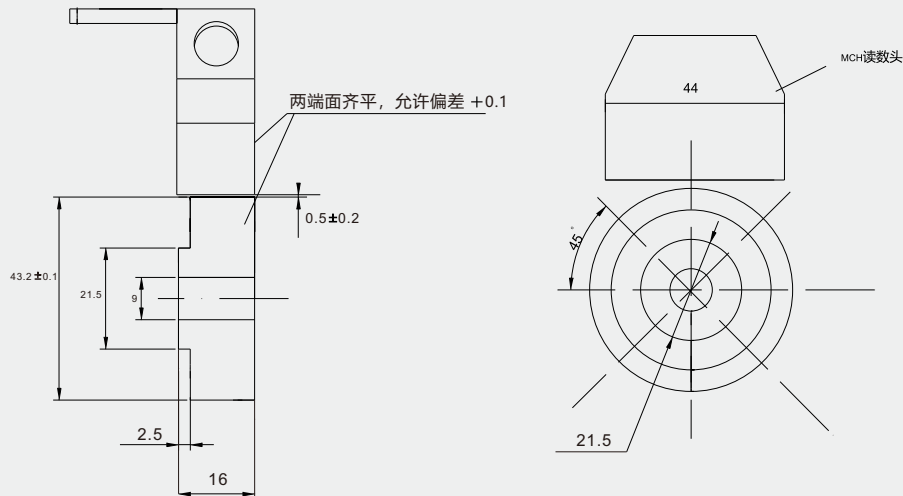
光电/超声波/区域  
Photoelectric/Ultrasonic/Area

压力/称重  
Pressure /load cell

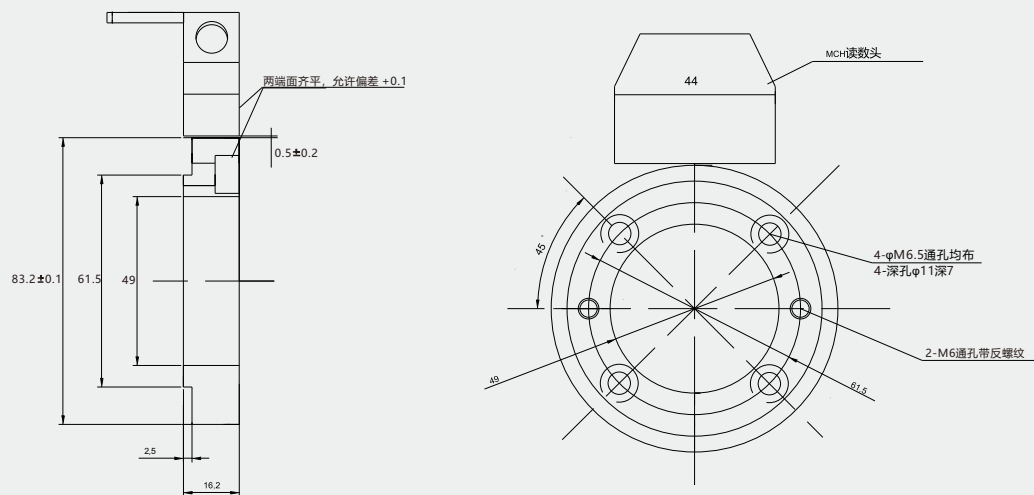
联轴器/附件  
Couplings/Accessories

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

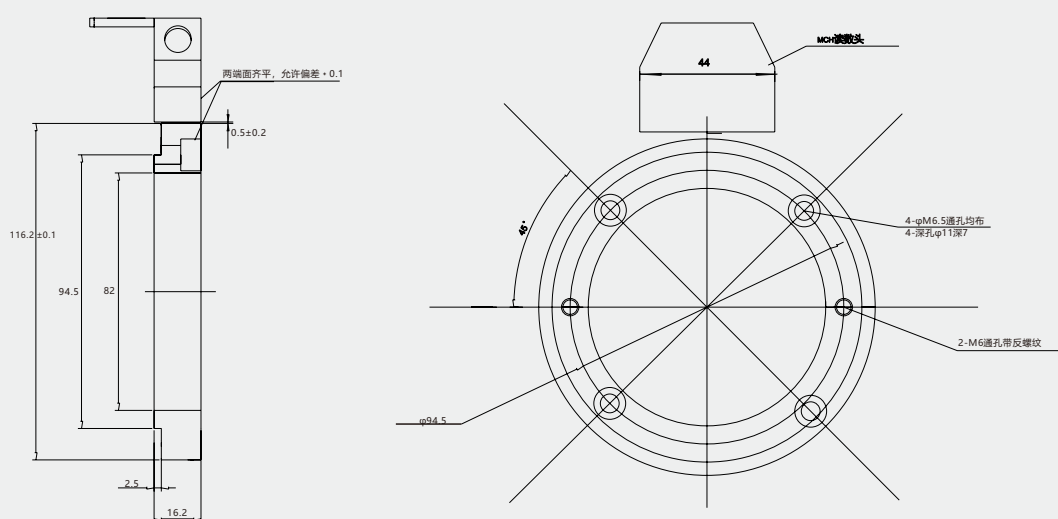
MCH 42安装尺寸图



MCH 82安装尺寸图



MCH 115安装尺寸图



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

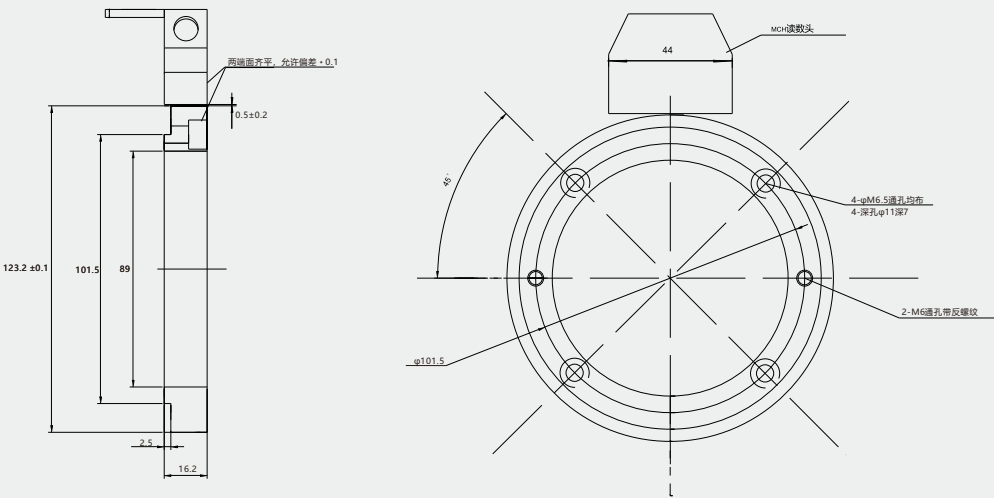
光电/超声波/区域  
Photoelectric/Ultrasonic/Area

压力/称重  
Pressure/Load cell

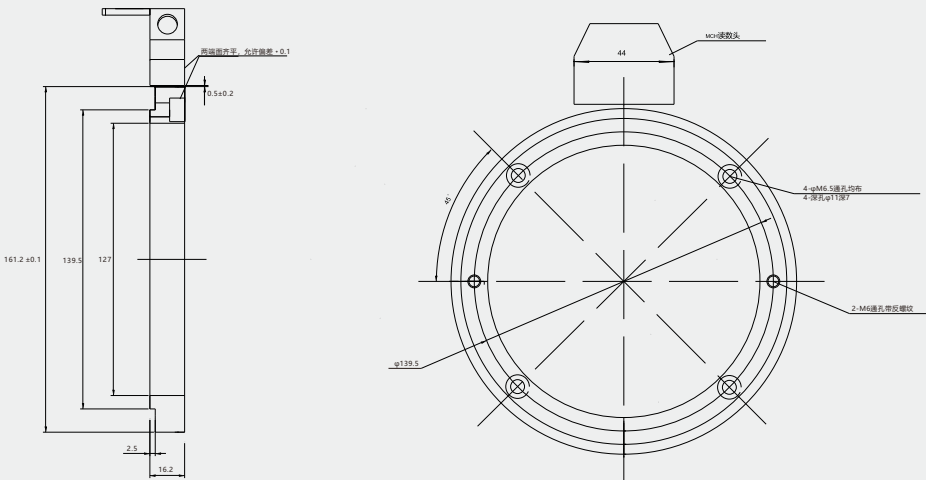
联轴器/附件  
Couplings/Accessories

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

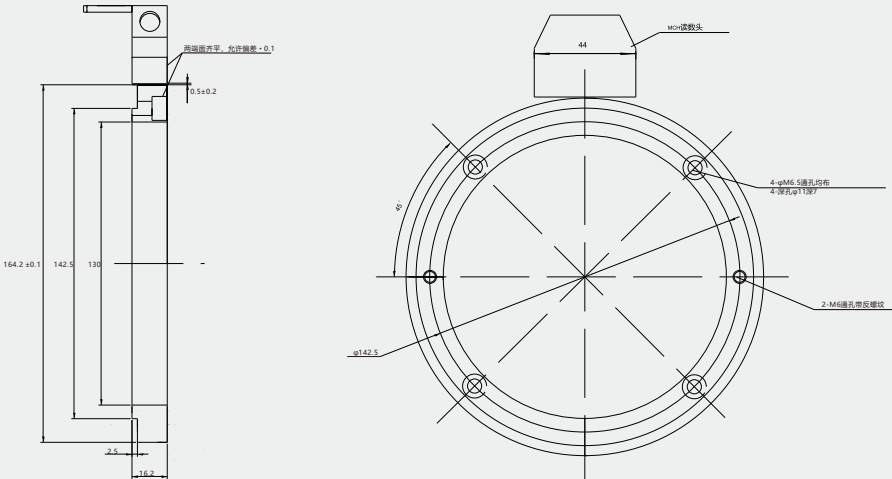
MCH 122安装尺寸图



MCH 160安装尺寸图



MCH 163安装尺寸图



编码器/磁栅尺  
Encoder/Magnetic Scale

位移/倾角/计数器  
Displacement/Inclination/Counter

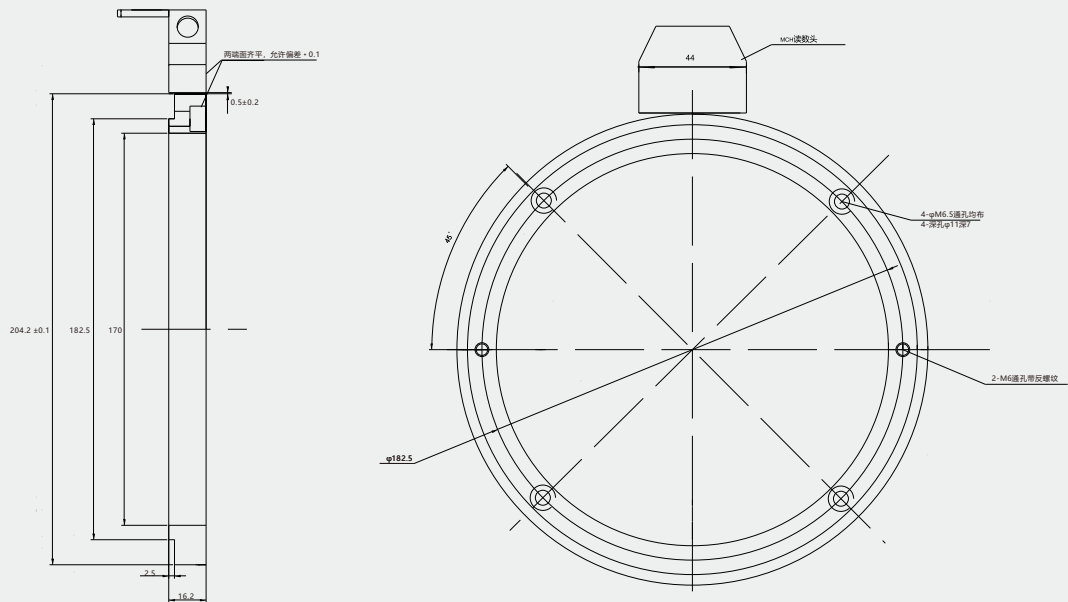
接近/加速度/温度  
Proximity/Acceleration/Temperature

光电/超声波/区域  
Photoelectric/Ultrasonic/Area

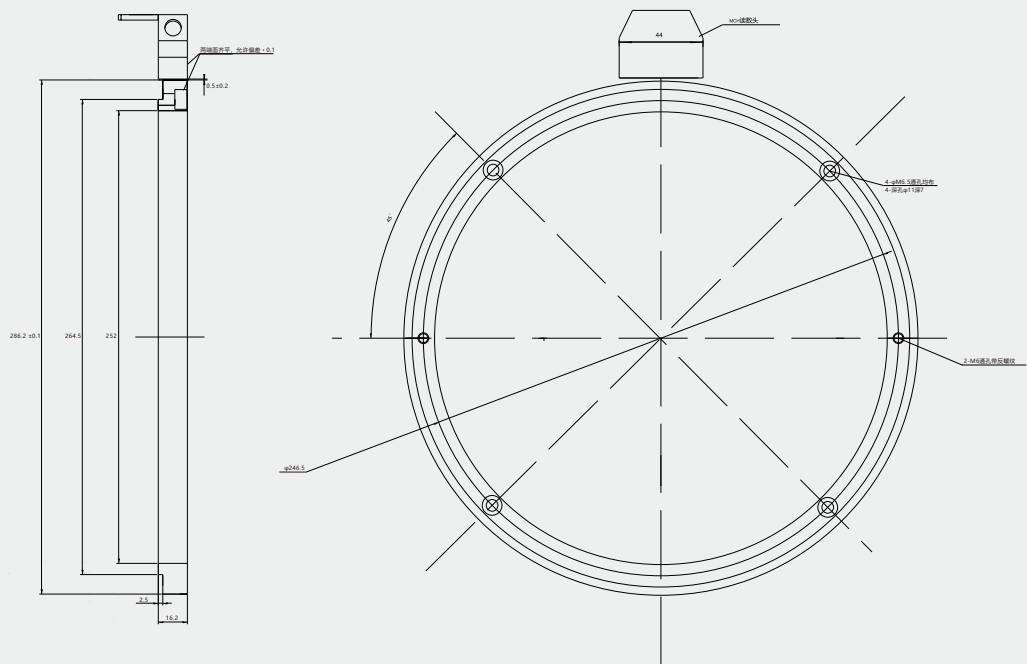
压力/称重  
Pressure /load cell

联轴器/附件  
Couplings/Accessories

MCH 203安装尺寸图

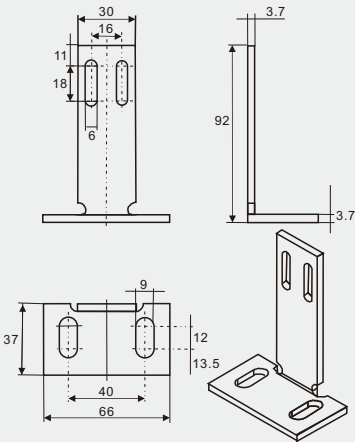


MCH286 安装尺寸图

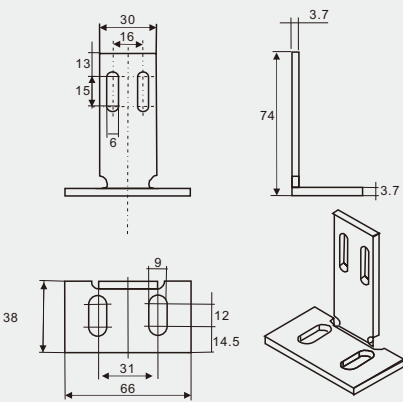


► 安装支架尺寸图Dimension drawing of mounting bracket (单位Unit:mm)

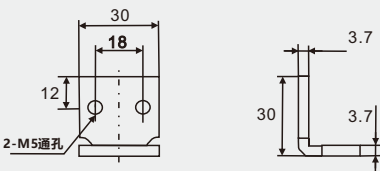
附件A



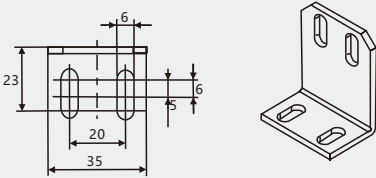
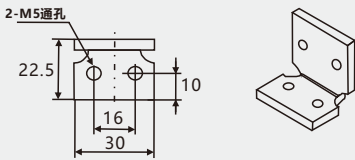
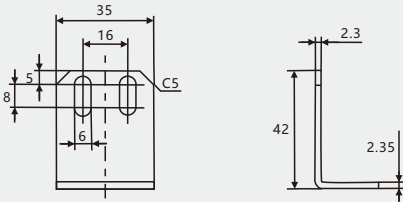
附件B



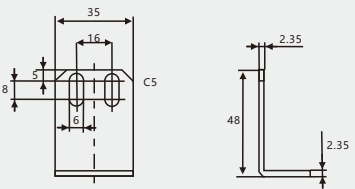
附件C



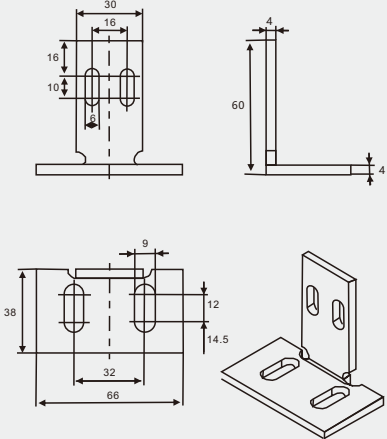
附件D



附件E



附件F



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

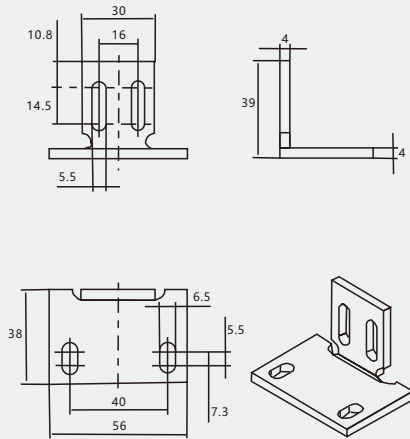
光电/超声波/区域  
Photoelectric/Ultrasonic/Area

压力/称重  
Pressure/Load cell

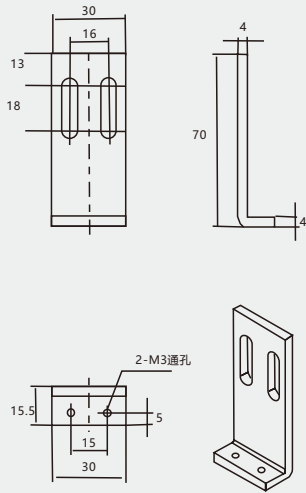
联轴器/附件  
Couplings/Accessories

► 安装支架尺寸图Dimension drawing of mounting bracket(单位Unit:mm)

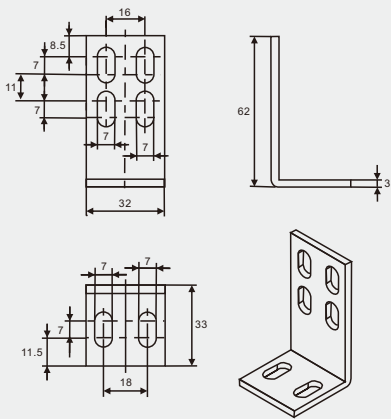
附件G



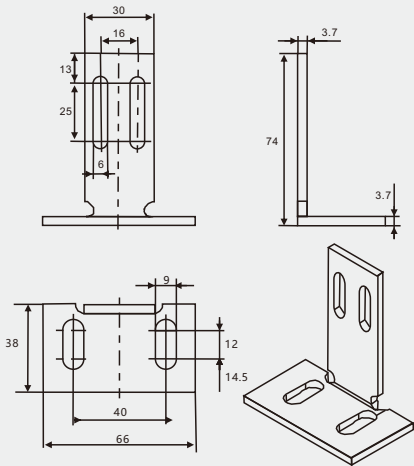
附件H



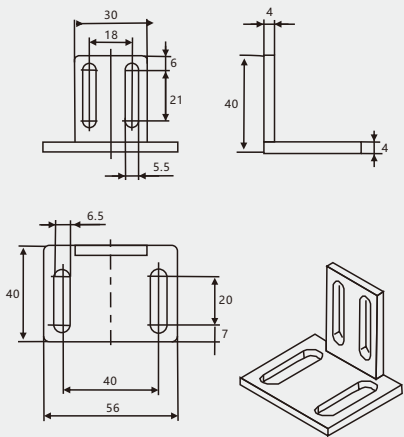
附件J



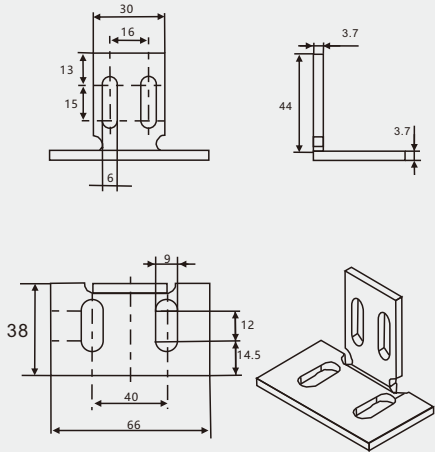
附件K



附件L



附件M



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

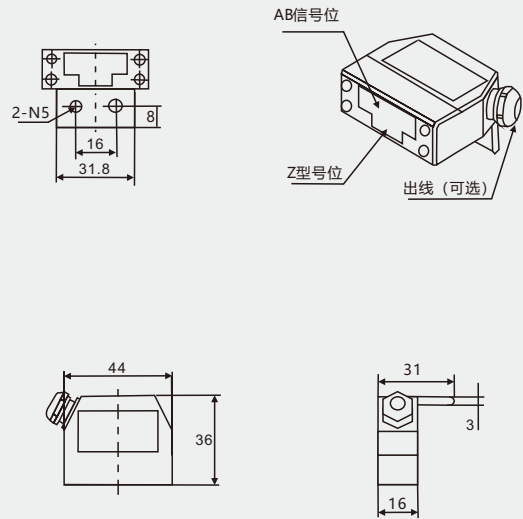
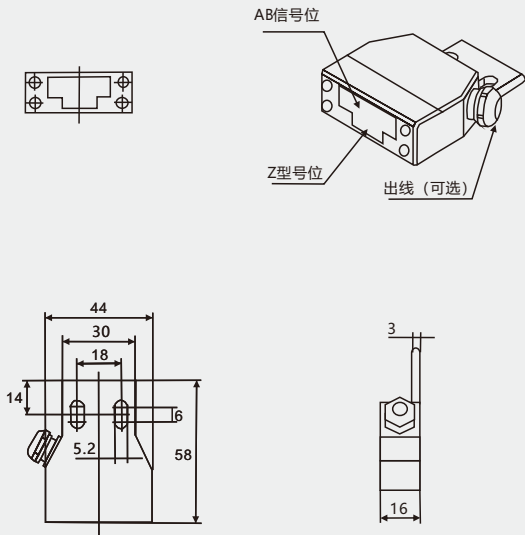
光电/超声波/区域  
Photoelectric/Ultrasonic/Area

压力/称重  
Pressure /load cell

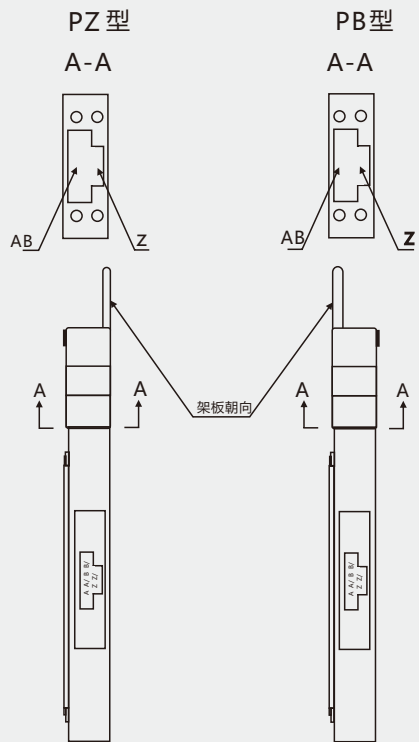
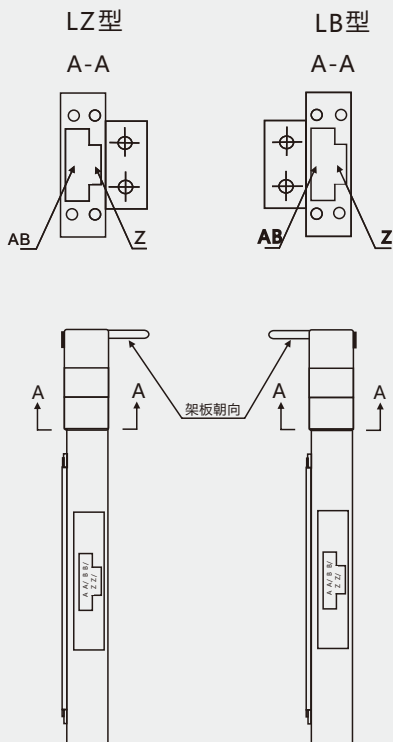
联轴器/附件  
Couplings/Accessories

► 读数头选型明细Selection details of reading head (单位Unit:mm)

MCH读数头选型明细



► 读数头朝向明细Reading head orientation details (单位Unit:mm)



编码器/磁栅尺  
Encoder/Magnetic Scale

位移/倾角/计数器  
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接近/加速度/温度  
Proximity/Acceleration/Temperature

光电/超声波/区域  
Photoelectric/Ultrasonic/Area

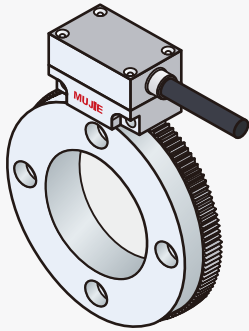
压力/称重  
Pressure /load cell

联轴器/附件  
Couplings/Accessories

齿轮编码器MGCL系列  
Gear encoder MGCL series

无损耗，无接触的感应式传感器，通过  
细分可增加分辨率 信号自动校准，输  
出信号振幅可设置为自动控制模式

Loss free, contact free inductive sensor,  
resolution can be increased through  
subdivision, signal automatic calibration,  
output signal amplitude can be set to  
automatic control mode



► 型号说明Model Explanation

| MGCL                            | 23                    | 20             | 1024             | 32                                            | Z                           | 0.5                            | F3                       | HC       | □    |
|---------------------------------|-----------------------|----------------|------------------|-----------------------------------------------|-----------------------------|--------------------------------|--------------------------|----------|------|
| 基本型号<br>The basic model<br>MGCL | 读数头<br>23 型号<br>27 型号 | 内孔mm<br>10-230 | 齿数no.<br>64-1024 | 细分倍数<br>1 16<br>2 20<br>4 25<br>8 32<br>10 64 | 信号<br>Z 1Vpp正余弦<br>F TTL 方波 | 模数<br>0.3<br>0.4<br>0.5<br>1.0 | 线缆长度<br>3M<br>5M<br>7.5M | 航空<br>插头 | 客户定制 |

► 电缆线线色说明 Cable Color Explanation

| 信号线Signal     | 红Red | 黑Black | 棕Brown | 绿Green | 白White | 灰Gray | 黄Yellow | 橙Orange | 屏蔽线Shield |
|---------------|------|--------|--------|--------|--------|-------|---------|---------|-----------|
| 方波Square wave | 5V   | 0V     | A/     | A      | B      | B/    | Z       | Z/      | N.C       |
| 弦波Chord wave  | 5V   | 0V     | Sin-   | Sin+   | Cos+   | Cos-  | R+      | R-      | N.C       |

► 技术规格Specification

| 电气参数 Electric parametar             |                         |                         |                     |
|-------------------------------------|-------------------------|-------------------------|---------------------|
| 输出 Output                           | TTL/1vpp                |                         |                     |
| 电源电压Mains voltage                   | 5V DC                   |                         |                     |
| 消耗电流Current consumption             | <30 mA                  |                         |                     |
| 允许输入角加速度                            | 10000rad/s <sup>2</sup> |                         |                     |
| 信号高电平Signal high electrical level   | ≥2.5V                   |                         |                     |
| 信号低电平Signal low electrical level    | ≤0.5V                   |                         |                     |
| 响应频率Response frequency              | 600KHz                  |                         |                     |
| 机械及环境参数Mechanical and Environmental |                         |                         |                     |
| 径向负载 Radial load                    | ≤30N                    | 抗冲击 Concussion resist   | 490m/s <sup>2</sup> |
| 轴向负荷Axial load                      | ≤15N                    | 抗振动Vibration resist     | 50m/s <sup>2</sup>  |
| 起动力矩 Storque                        | 3X10 Nm                 | 工作温度Working temperature | -30 ~ +120℃         |
| 最高转速 Tiptop rotate speed            | 50000                   | 储存温度Storing temperature | - 30℃ ~ +95℃        |
| 转动惯量 Runing inertia                 | 6X10-5kgm               | 防护等级IP                  | IP68                |

► 模数选择Module choice

0.3模数

| 外径(mm) | 内径(mm) | 法兰(mm) | 安装孔(mm) | 齿数   |
|--------|--------|--------|---------|------|
| 307.8  | 260    | 280    | 4.5     | 1024 |
| 154.2  | 80     | 110    | 4.5     | 512  |
| 77.4   | 50     | 70     | 4.5     | 256  |
| 39     | 20     | 30     | 3.5     | 128  |

0.4模数

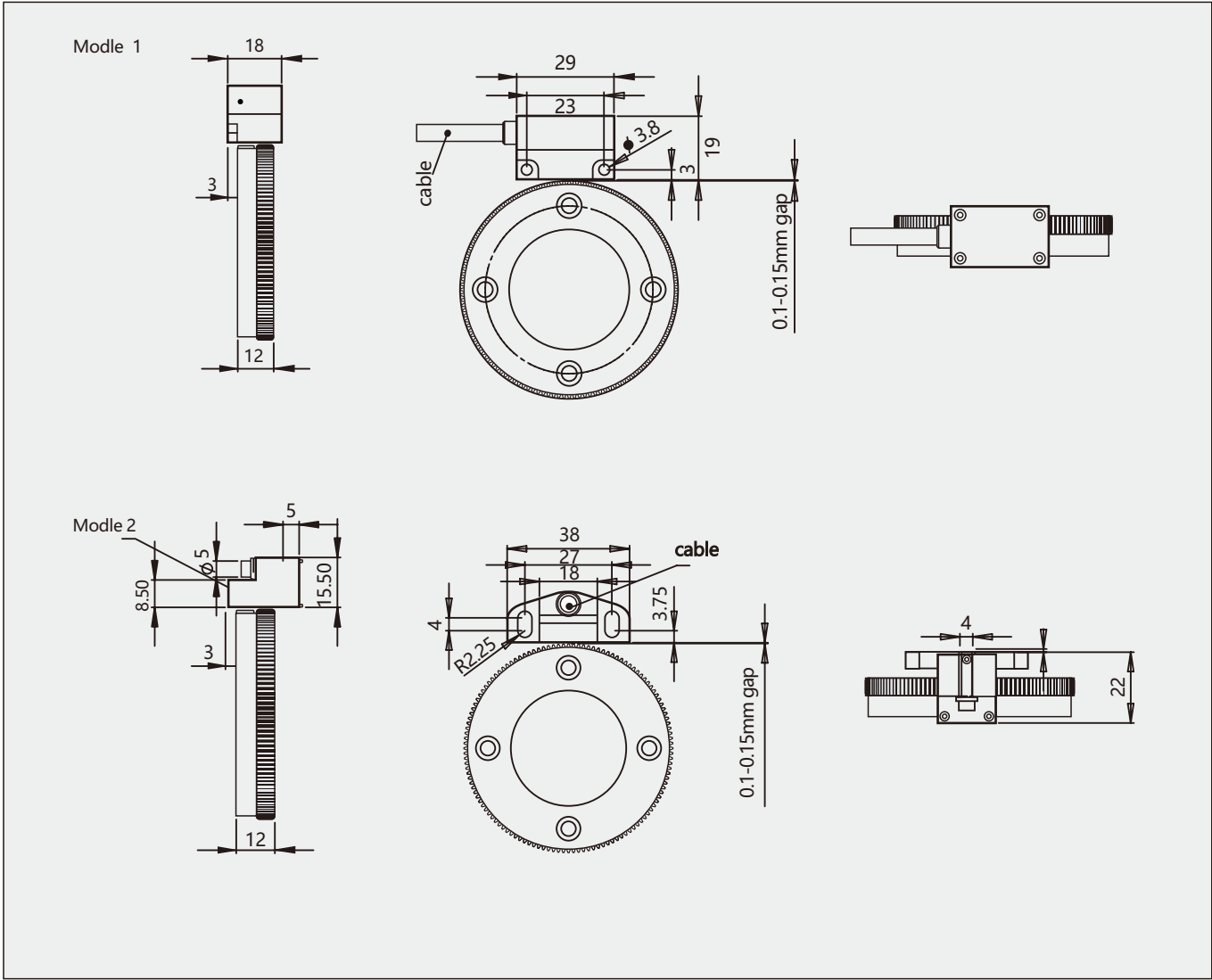
| 外径(mm) | 内径(mm) | 法兰(mm) | 安装孔(mm) | 齿数  |
|--------|--------|--------|---------|-----|
| 205.6  | 180    | 194.4  | 4.5     | 512 |
| 154.4  | 108    | 120    | 4.5     | 384 |
| 103.2  | 82     | 92     | 4.5     | 256 |
| 80.8   | 60     | 70     | 3.5     | 200 |
| 52.0   | 35     | 43     | 3.5     | 128 |
| 40.8   | 20     | 30     | 3.5     | 100 |

0.5模数

| 外径(mm) | 内径(mm) | 法兰(mm) | 安装孔(mm) | 齿数  |
|--------|--------|--------|---------|-----|
| 257    | 230    | 244    | 4.5     | 512 |
| 129    | 95     | 112    | 3.5     | 256 |
| 65     | 50     | 57     | 3.5     | 128 |
| 65     | 40     | 53     | 4.2     | 128 |

\*内孔、法兰及安装孔均可定制

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



MUJIE 慕杰<sup>®</sup>  
YOUR AUTOMATION, YOUR MUJIE!

## 磁栅编码器MCSC系列

Magnetic grating encoder MCSC series

高精度、非接触式高精度测量、运行精密准确、自由设定分辨率、可按要求制定输出频率，间隙公差大、防尘防湿耐脏、无限的测量距离

High precision, non-contact high-precision measurement, precise and accurate operation, freely set resolution, output frequency can be set according to requirements, large gap tolerance, dust, moisture, dirt and unlimited measurement distance



### ► 型号说明 Model Explanation

| M                                                                                              | CSC                   | 13                                                            | -Z1                                                        | P2                                                                              | V5                                    | D1                                                                                          | L1                                               | -R1                                                                           | -300                                                | □                                     | □                              |
|------------------------------------------------------------------------------------------------|-----------------------|---------------------------------------------------------------|------------------------------------------------------------|---------------------------------------------------------------------------------|---------------------------------------|---------------------------------------------------------------------------------------------|--------------------------------------------------|-------------------------------------------------------------------------------|-----------------------------------------------------|---------------------------------------|--------------------------------|
| 基本型号 Model<br>M:常规增量型<br>Incremental<br>encoder<br><br>M□:<br>特殊型号定义<br>Speciall<br>definition | CSC:磁栅尺<br>Magnescale | 读头宽度:<br>Read head<br>width:<br>10:10mm<br>11:11mm<br>13:13mm | 参考信号<br>Reference<br>signal<br>Z0:无<br>Z1:循环信号<br>Z3:来自参考点 | 磁极距:<br>Magnetic<br>pole distance:<br>P0.5:0.5mm<br>P1: 1mm<br>P2:2mm<br>P5:5mm | 电压<br>Voltage:<br>V5:5V<br>V732:7-32V | 接口:<br>Interface:<br>D1:RS422<br>D2:推挽式 HTL<br>push pull HTL<br>D3:推挽式 TTL<br>push pull TTL | 线缆长度<br>Cable<br>L1:1m<br>L2:2m(标准)<br>L3:3m(标准) | 分辨率:<br>resolving<br>power:<br>R0.5:1mm<br>R1:2mm<br>R2.5:5mm<br>(标准的磁极<br>距) | 最大输出频率:<br>Maximum<br>output<br>frequency:<br>F1000 | 插头<br>可定制<br>Plug<br>Custo<br>mizable | 客户定制<br>Customized<br>informat |

### ► 电缆线颜色说明 Cable Color Explanation

| 信号线Signal    | VCC  | 0V    | A      | B     | Z       | A/     | B/      | Z/     | 屏蔽线Shield |
|--------------|------|-------|--------|-------|---------|--------|---------|--------|-----------|
| 8芯电缆线8 wires | 红Red | 蓝Blue | 棕Brown | 灰Gray | 粉Powder | 绿Green | 黄Yellow | 白White | N.C       |

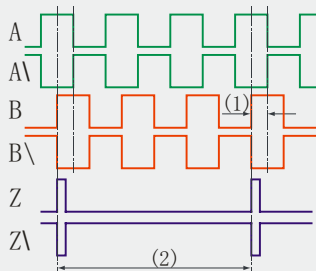
注1: 电缆颜色若有更改, 恕不另行通知, 请以编码器标签或说明书上的颜色定义为准。Note1: Please refer to color table or product instruction to connect wires. Chang of wire color will not be informed respectively.  
注2: 电缆线标准线长2米, 如需其他规格在订货中备注说明。Note2: Standard cable length is 2m. Other length can be customized.

### ► 技术规格 Specification

| 检测范围 Detection Range            |                                                                                |
|---------------------------------|--------------------------------------------------------------------------------|
| 分辨率 resolution                  | 0.0675 $\mu$ m 至 312.5 $\mu$ m                                                 |
| 最高速度 Top speed                  | 高至 75 m/s                                                                      |
| 电流能耗 Current energy consumption | 65 mA $\pm$ 5 % (UB = 5 V)                                                     |
| 工作温度 Operating temperature      | -20° ... +70° C                                                                |
| 储存温度 Storage temperature        | -20° ... +80° C                                                                |
| 保护等级 Protection level           | Ip67                                                                           |
| LED                             | 绿色 LED = 设置正常 红色 LED = 设置错误 Green LED = normal setting red LED = wrong setting |
| 可调节参数 Adjustable parameter      | 分辨率 最大输出频率和计算总数 Resolution, maximum output frequency and total count           |
| 磁极距 Magnetic Pole distanc       | 1 mm 2 mm 5 mm                                                                 |
| 电压 voltage                      | 5 V 或 7 - 32 V                                                                 |
| 连接类型 Connection type            | RS422 推挽式 TTL 推挽式 HTL Rs422 push pull TTL push pull HTL                        |
| 线缆长度 Cable length               | 标准 2 m 可按要求延长至 6 m Standard 2 m can be extended to 6 m as required             |
| 插头 plug                         | 散状线 根据选型订购插头 Loose thread, according to the type of order plug                 |

### ► 输出信号 output signal

RS422

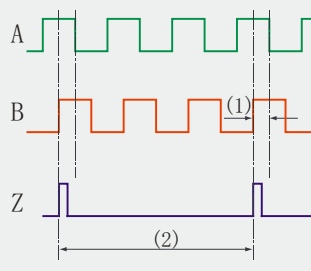


(1) 相位移 A 和 B 90°  $\pm$  10° 电子

(2) 信号周期取决于参考点磁道模式, 或循环参考点  
取决于磁极距

Phase shifts a and B 90°  $\pm$  10° electronic  
the signal period depends on the track mode  
of the reference point, or the cyclic reference  
point depends on the magnetic pole distance

推挽式



编码器/磁栅尺  
Encoder/Magnetic Scale

位移/倾角/计数器  
Displacement/Inclination/Counter

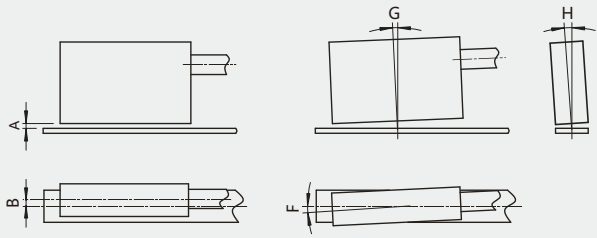
接近/加速度/温度  
Proximity/Acceleration/Temperature

光电/超声波/区域  
Photoelectric/Ultrasonic/Area

压力/称重  
Pressure /load cell

联轴器/附件  
Couplings/Accessories

► 安装公差 Installation tolerance

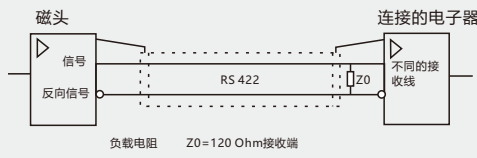


|                       | 磁极距<br>0.5 mm | 磁极距<br>1 mm | 磁极距<br>2 mm | 磁极距<br>5 mm |
|-----------------------|---------------|-------------|-------------|-------------|
| A [mm]                | 0.1.0.25      | 0.1.0.5     | 0.1.1.0     | 0.1.2.5     |
| B <sup>(3)</sup> [mm] | 2.5           | 2.5         | 2.5         | 2.5         |
| B <sup>(4)</sup> [mm] | 0.5           | 0.5         | 0.5         | 0.5         |
| G                     | 0.5°          | 1°          | 1°          | 1°          |
| H                     | 3°            | 3°          | 3°          | 3°          |
| F                     | 3°            | 3°          | 3°          | 3°          |

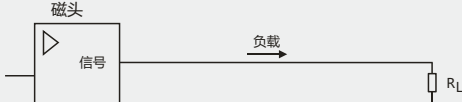
(3) 配 10mm宽的磁尺 (1-磁道)

(4) 配 10mm宽的磁尺 (2-磁道)

► 电路输出 Circut output



磁头 信号 反向信号 负载电阻 Z0=120 Ohm接收端 不同的接收线 连接的电子器

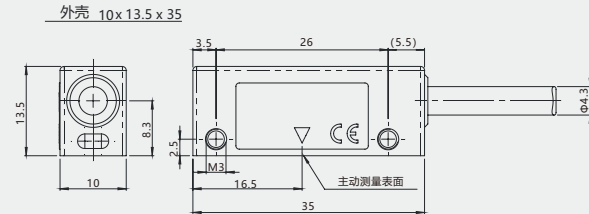


磁头 信号 负载 推挽式 RL

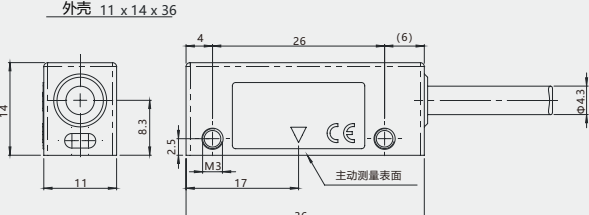
每个频道最大 250 mA

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

外壳 10x13.5x35



外壳 11 x 14 x 36



外壳 13 x 14 x 36

