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## 超薄安全光幕-CZT-CBT No blind spot safety light curtain

- QB系列超薄出光截面仅15mm
- QB series ultra-thin light output section is only 15mm
- QZ系列超薄侧面仅17.2mm
- QZ series ultra-thin side is only 17.2mm
- 超快响应速度（小于15ms）
- Ultra-fast response speed (less than 15ms)
- 能有效屏蔽99%干扰信号
- Can effectively shield 99% of interference signals

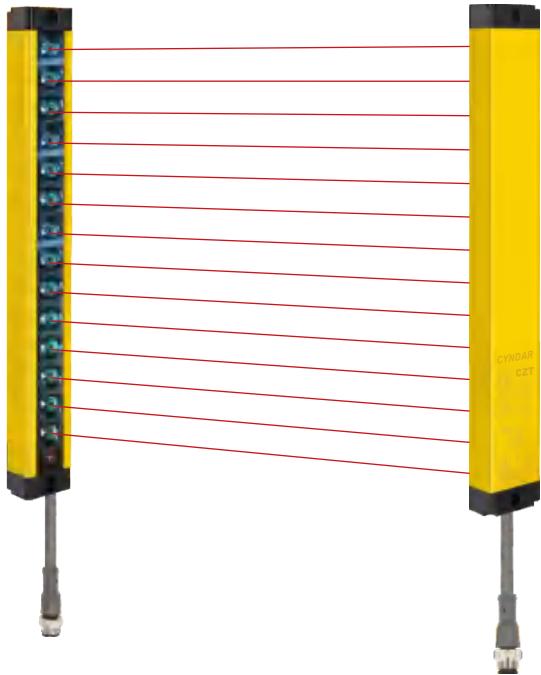
广泛适用于液压机、油压机、剪板机、注塑机等设备及安装空间特殊的危险场合的安全防护。

It is widely used in large machinery such as presses, hydraulic presses, hydraulic presses, shears, automatic doors, or dangerous occasions that require long-distance protection.

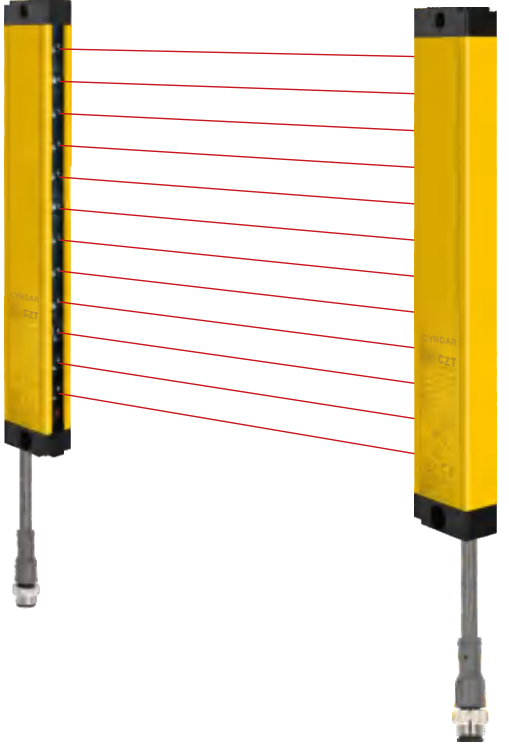


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### ◆ CZT超薄型安全光幕（17.2x30mm） Ultra-thin safety screen



### ◆ CBT超薄型安全光幕（30x15mm） Ultra-thin safety screen



### ◆ 产品配置 Product configuration

控制器、发光器、受光器、传输线和电源线组成。  
The controller, the light emitter, the light receiver, the transmission line and the power line are composed.

### ◆ 产品特点 Product characteristics

- ★ 自检功能完善：当安全传感器出现故障时，确保不向所控制的电器发送错误的信号；
- ★ 抗干扰能力强：系统对电磁信号，频闪灯光，焊接弧光及周围的光源具有良好的抗干扰能力；
- ★ 安装调试方便，配线简单，外形美观；
- ★ 采用表面贴装技术，防震性能优越；
- ★ 符合国际电工学会IEC61496-1/2标准安全等级，TUV的CE认证；
- ★ 响应时间短（≤15ms），安全可靠性能高；
- ★ 超薄型外形尺寸设计，宽度和厚度QZ仅有17.2mm\*30mm，QB仅有30mm\*15mm，安全传感器可以通过航空插座与电缆线(M12)链接；
- ★ 所有电子元器件均采用全球知名品牌配件。
- ★ Perfect self-check function: When the safety screen protector fails, ensure that the wrong signal is not sent to the controlled electrical appliances.
- ★ Strong anti-interference ability: The system has good anti-interference ability to electromagnetic signal, stroboscopic light, welding arc and surrounding light source;
- ★ Easy installation and debugging, simple wiring, beautiful appearance;
- ★ Surface mounting technology is adopted, which has superior seismic performance.
- ★ It conforms to IEC61496-1/2 standard safety grade and TUV CE certification.
- ★ The corresponding time is short (≤15ms), and the safety and reliability performance is high.
- ★ Ultra-thin shape size design, width and thickness QZ only 17.2 mm\*30 mm, QB only 30 mm\*15 mm. The safety sensor can be connected to the cable (M12) through an aviation socket.
- ★ All electronic components adopt world-renowned brand accessories.

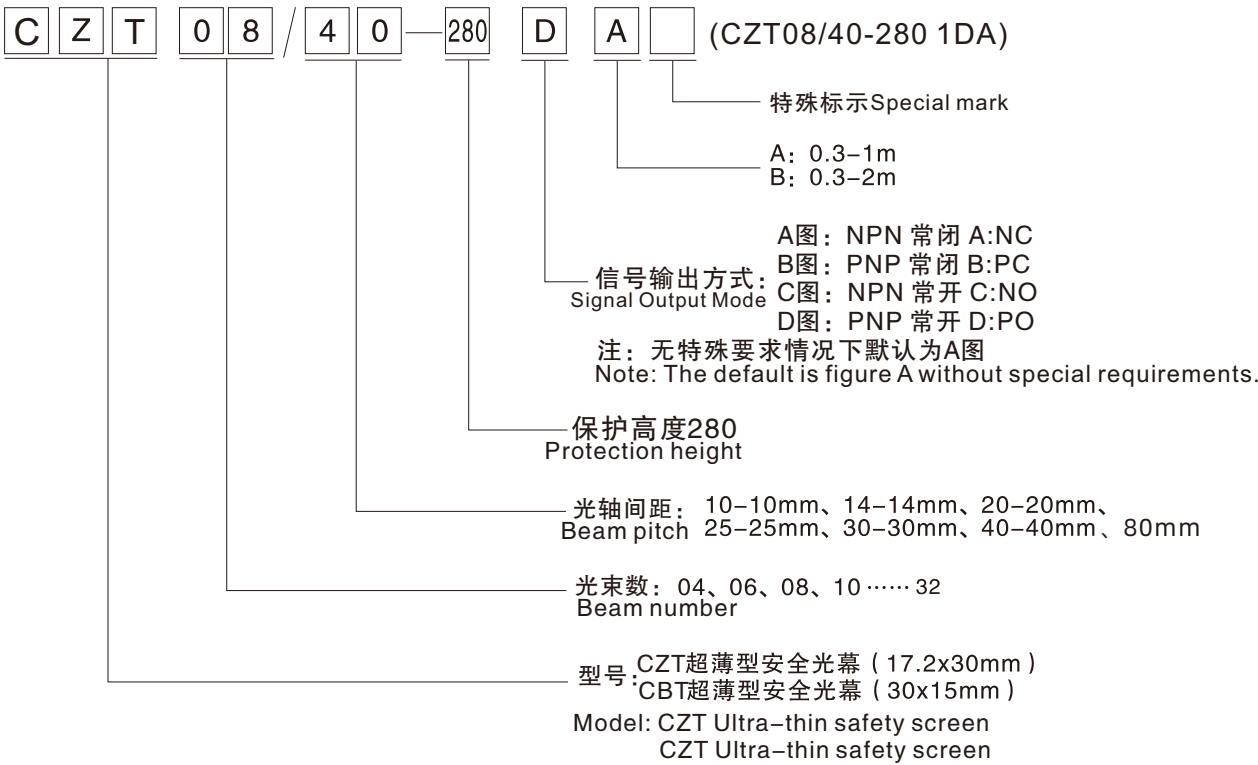
◆分辨率 Resolving power



◆CZT/CBT产品技术参数 Technical parameters of products

| 光幕形式 Light curtain form             | 对射式Counter shooting                                                                                                                                              |        |        |        |        |        |
|-------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--------|--------|--------|--------|
| CZT光轴间距 Beam pitch                  | 10mm                                                                                                                                                             | 14mm   | 20mm   | 25mm   | 30mm   | 40mm   |
| CZT光轴间距 Beam pitch                  |                                                                                                                                                                  |        | 20mm   |        |        | 40mm   |
| 检测精度 Check the accuracy             | 18mm                                                                                                                                                             | 22mm   | 28mm   | 33mm   | 38mm   | 48mm   |
| 光束数 Beam number                     | 6、8…32                                                                                                                                                           | 6、8…32 | 4、6…32 | 6、8…32 | 4、6…32 | 4、6…32 |
| 保护高度 Height of protection           | 光轴间距Beam pitch X (光束数Beam number-1)                                                                                                                              |        |        |        |        |        |
| 检测距离 Detection distance             | 30 ~ 3000mm 、 30~6000mm                                                                                                                                          |        |        |        |        |        |
| 响应时间 Response time                  | ≤15ms                                                                                                                                                            |        |        |        |        |        |
| 抗光干扰 Anti light interference        | 10000Lux(入射角Incidence angle ≥5° )                                                                                                                                |        |        |        |        |        |
| 外形尺寸 Outline size                   | 17.2x30xLmm 30x15xLmm(L为发光器/受光器长度L is the length of light emitter/receiver)                                                                                      |        |        |        |        |        |
| 防护等级 Protection level               | IP65                                                                                                                                                             |        |        |        |        |        |
| 控制器 Controller                      | QCA QCA2                                                                                                                                                         |        |        |        |        |        |
| 电源电压 Supply voltage                 | DC12/24V AC110~220V(继电器输出Relay output)                                                                                                                           |        |        |        |        |        |
| 消耗电流 Consumption current            | ≤200mA                                                                                                                                                           |        |        |        |        |        |
| 输出 Output                           | NPN/PNP型, 灌入电流500mA, 电压1.5v以下, 极性、短路、过载保护<br>NPN/PNP type, with current 500 mA and voltage less than 1.5 v, polarity, short circuit and overload protection      |        |        |        |        |        |
| 输出状态 Output state                   | ON (接收指示绿灯Receiving Indicator Green Light)                                                                                                                       |        |        |        |        |        |
| 指示灯 Indicator light                 | 投光器: 电源指示灯 (红色); 受光器: 输出指示灯 通光 (绿色) 遮光 (红色)<br>Projector: Power indicator (red); Receiver: Output indicator (green) shading (red)                                |        |        |        |        |        |
| 光源 Light source                     | 调制红外LED Modulated Infrared LED                                                                                                                                   |        |        |        |        |        |
| 连接方式 Connection mode                | 圆形航空插座, 配专用连接电缆, 投光器4芯, 受光器5芯<br>Circular aviation socket with special connecting cable, 4 cores of projector and 5 cores of receiver                            |        |        |        |        |        |
| 壳体材料 Shell material                 | 铝合金, 端盖: ABS增强尼龙 Aluminum alloy, end cover: ABS reinforced nylon                                                                                                 |        |        |        |        |        |
| 耐环境光 Environmental light resistance | 白炽光: 受光面照度3000Lx; 太阳光: 受光面照度10000Lx<br>Incandescent light: illumination of the receiving surface 3000Lx; sunlight: illumination of the receiving surface 10000Lx |        |        |        |        |        |
| 环境温度 Ambient temperature            | 工作时: -10~+40℃(但不结冰), 保存时: -25~+55℃<br>When working: -10 ~ +40 C (but not freezing), when preserved: -25 ~ +55 C                                                  |        |        |        |        |        |
| 环境湿度 Ambient humidity               | 工作时: 35~85%RH, 保存时: 35~95%RH Work: 35~85% RH, save: 35~95% RH                                                                                                    |        |        |        |        |        |

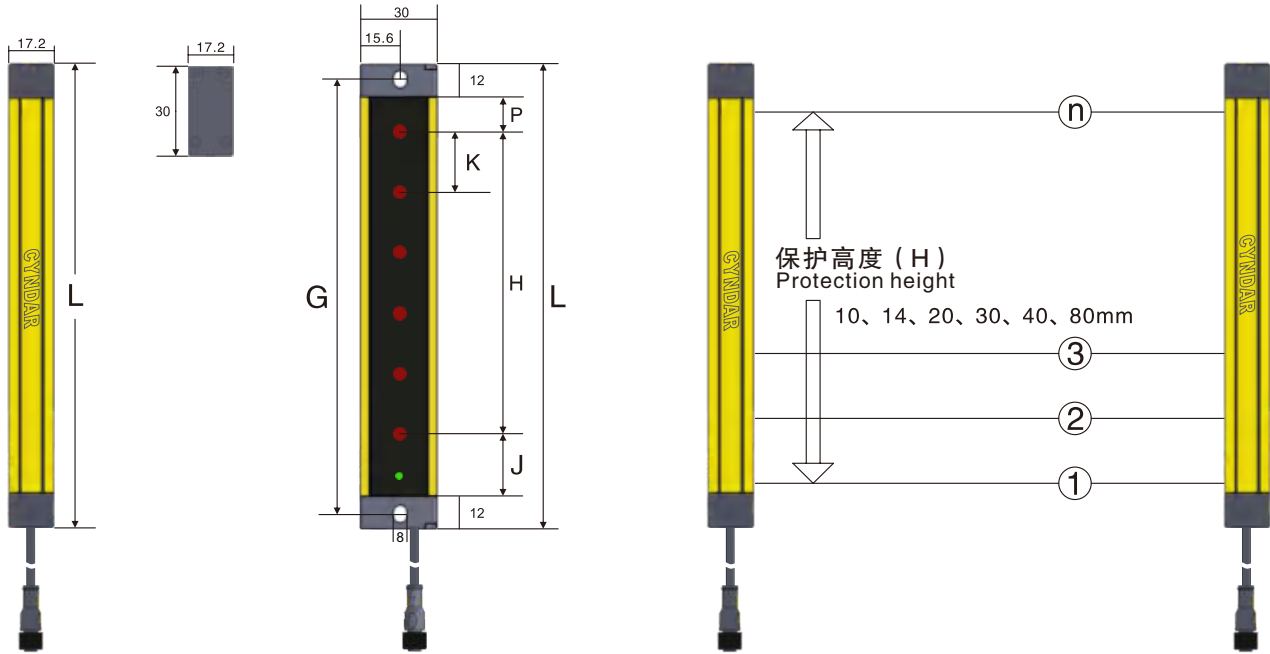
◆CZT/CBT超薄型安全光幕规格表说明如下:  
CZT/CBT ultra-thin safety light curtain specification sheet is as follows



详细型号请见下一页规格表  
Please see the specification table on the next page for detailed models.

◆CZT

Dimensions



备注:  
Remarks

H= (n-1) \*K=保护高度  
Height of detection

固定孔位中心距离  
Fixed hole center distance

L:光幕总长度  
Total length of light screen

Z=L-11mm

n:光轴数  
Optical axis number

K:光轴间距  
Optical axis spacing

|       |    |    |    |      |    |    |    |
|-------|----|----|----|------|----|----|----|
| K(mm) | 10 | 14 | 20 | 25   | 30 | 40 | 80 |
| P(mm) | 5  | 7  | 10 | 12.5 | 15 | 20 | 40 |
| J(mm) | 32 | 32 | 25 | 25   | 25 | 25 | 25 |



## ◆ CZT规格一览表Specification List

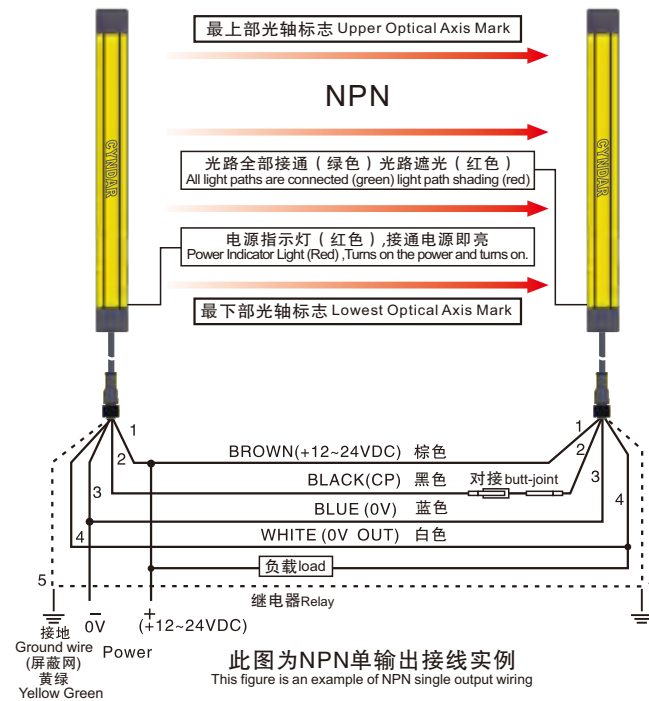
| 光轴间距<br>Beam pitch | 光束数<br>Light beam | 保护高度mm(H)<br>Protection height | 光幕高度mm(l)<br>Screen height | 产品型号<br>Product model | 信号输出方式<br>Signal output mode |     |     |     | 检测距离<br>Detection distance |
|--------------------|-------------------|--------------------------------|----------------------------|-----------------------|------------------------------|-----|-----|-----|----------------------------|
|                    |                   |                                |                            |                       | NPN                          | PNP | NPN | PNP |                            |
| 10mm<br>(K)        | 6                 | 50                             | 111                        | CZT06/10-50           | A                            | B   | C   | D   | 0.3-3m                     |
|                    | 8                 | 70                             | 131                        | CZT08/10-70           | A                            | B   | C   | D   | 0.3-3m                     |
|                    | 10                | 90                             | 151                        | CZT10/10-90           | A                            | B   | C   | D   | 0.3-3m                     |
|                    | 12                | 110                            | 171                        | CZT12/10-110          | A                            | B   | C   | D   | 0.3-3m                     |
|                    | 14                | 130                            | 191                        | CZT14/10-130          | A                            | B   | C   | D   | 0.3-3m                     |
|                    | 16                | 150                            | 211                        | CZT16/10-150          | A                            | B   | C   | D   | 0.3-3m                     |
|                    | 18                | 170                            | 231                        | CZT18/10-170          | A                            | B   | C   | D   | 0.3-3m                     |
|                    | 20                | 190                            | 251                        | CZT20/10-190          | A                            | B   | C   | D   | 0.3-3m                     |
|                    | 22                | 210                            | 271                        | CZT22/10-210          | A                            | B   | C   | D   | 0.3-3m                     |
|                    | 24                | 230                            | 291                        | CZT24/10-230          | A                            | B   | C   | D   | 0.3-3m                     |
|                    | 26                | 250                            | 311                        | CZT26/10-250          | A                            | B   | C   | D   | 0.3-3m                     |
|                    | 28                | 270                            | 331                        | CZT28/10-270          | A                            | B   | C   | D   | 0.3-3m                     |
|                    | 30                | 290                            | 351                        | CZT30/10-290          | A                            | B   | C   | D   | 0.3-3m                     |
|                    | 32                | 310                            | 371                        | CZT32/10-310          | A                            | B   | C   | D   | 0.3-3m                     |
|                    | 6                 | 70                             | 133                        | CZT06/14-70           | A                            | B   | C   | D   | 0.3-3m                     |
| 14mm<br>(K)        | 8                 | 98                             | 161                        | CZT08/14-98           | A                            | B   | C   | D   | 0.3-3m                     |
|                    | 10                | 126                            | 189                        | CZT10/14-126          | A                            | B   | C   | D   | 0.3-3m                     |
|                    | 12                | 154                            | 217                        | CZT12/14-154          | A                            | B   | C   | D   | 0.3-3m                     |
|                    | 14                | 182                            | 245                        | CZT14/14-182          | A                            | B   | C   | D   | 0.3-3m                     |
|                    | 16                | 210                            | 273                        | CZT16/14-210          | A                            | B   | C   | D   | 0.3-3m                     |
|                    | 18                | 238                            | 301                        | CZT18/14-238          | A                            | B   | C   | D   | 0.3-3m                     |
|                    | 20                | 266                            | 329                        | CZT20/14-266          | A                            | B   | C   | D   | 0.3-3m                     |
|                    | 22                | 294                            | 357                        | CZT22/14-294          | A                            | B   | C   | D   | 0.3-3m                     |
|                    | 24                | 322                            | 385                        | CZT24/14-322          | A                            | B   | C   | D   | 0.3-3m                     |
|                    | 26                | 350                            | 413                        | CZT26/14-350          | A                            | B   | C   | D   | 0.3-3m                     |
|                    | 28                | 378                            | 441                        | CZT28/14-378          | A                            | B   | C   | D   | 0.3-3m                     |
|                    | 30                | 406                            | 469                        | CZT30/14-406          | A                            | B   | C   | D   | 0.3-3m                     |
|                    | 32                | 434                            | 497                        | CZT32/14-434          | A                            | B   | C   | D   | 0.3-3m                     |
| 20mm<br>(K)        | 4                 | 60                             | 119                        | CZT04/20-60           | A                            | B   | C   | D   | 0.3-3m                     |
|                    | 6                 | 100                            | 159                        | CZT06/20-100          | A                            | B   | C   | D   | 0.3-3m                     |
|                    | 8                 | 140                            | 199                        | CZT08/20-140          | A                            | B   | C   | D   | 0.3-3m                     |
|                    | 10                | 180                            | 239                        | CZT10/20-180          | A                            | B   | C   | D   | 0.3-3m                     |
|                    | 12                | 220                            | 279                        | CZT12/20-220          | A                            | B   | C   | D   | 0.3-3m                     |
|                    | 14                | 260                            | 319                        | CZT14/20-260          | A                            | B   | C   | D   | 0.3-3m                     |
|                    | 16                | 300                            | 359                        | CZT16/20-300          | A                            | B   | C   | D   | 0.3-3m                     |
|                    | 18                | 340                            | 399                        | CZT18/20-340          | A                            | B   | C   | D   | 0.3-3m                     |
|                    | 20                | 380                            | 439                        | CZT20/20-380          | A                            | B   | C   | D   | 0.3-3m                     |
|                    | 22                | 420                            | 479                        | CZT22/20-420          | A                            | B   | C   | D   | 0.3-3m                     |
|                    | 24                | 460                            | 519                        | CZT24/20-460          | A                            | B   | C   | D   | 0.3-3m                     |
|                    | 26                | 500                            | 559                        | CZT26/20-500          | A                            | B   | C   | D   | 0.3-3m                     |
|                    | 28                | 540                            | 599                        | CZT28/20-540          | A                            | B   | C   | D   | 0.3-3m                     |
|                    | 30                | 580                            | 639                        | CZT30/20-580          | A                            | B   | C   | D   | 0.3-3m                     |
|                    | 32                | 620                            | 679                        | CZT32/20-620          | A                            | B   | C   | D   | 0.3-3m                     |
| 25mm<br>(K)        | 6                 | 125                            | 186.5                      | CZT06/25-125          | A                            | B   | C   | D   | 0.3-3m                     |
|                    | 8                 | 175                            | 236.5                      | CZT08/25-175          | A                            | B   | C   | D   | 0.3-3m                     |
|                    | 10                | 225                            | 286.5                      | CZT10/25-225          | A                            | B   | C   | D   | 0.3-3m                     |
|                    | 12                | 275                            | 336.5                      | CZT12/25-275          | A                            | B   | C   | D   | 0.3-3m                     |
|                    | 14                | 325                            | 386.5                      | CZT14/25-325          | A                            | B   | C   | D   | 0.3-3m                     |
|                    | 16                | 375                            | 436.5                      | CZT16/25-375          | A                            | B   | C   | D   | 0.3-3m                     |
|                    | 18                | 425                            | 486.5                      | CZT18/25-425          | A                            | B   | C   | D   | 0.3-3m                     |
|                    | 20                | 475                            | 538.5                      | CZT20/25-475          | A                            | B   | C   | D   | 0.3-3m                     |
|                    | 22                | 525                            | 586.5                      | CZT22/25-525          | A                            | B   | C   | D   | 0.3-3m                     |
|                    | 24                | 575                            | 636.5                      | CZT24/25-575          | A                            | B   | C   | D   | 0.3-3m                     |
|                    | 26                | 625                            | 686.5                      | CZT26/25-625          | A                            | B   | C   | D   | 0.3-3m                     |
|                    | 28                | 675                            | 736.5                      | CZT28/25-675          | A                            | B   | C   | D   | 0.3-3m                     |
|                    | 30                | 725                            | 786.5                      | CZT30/25-725          | A                            | B   | C   | D   | 0.3-3m                     |
|                    | 32                | 775                            | 836.5                      | CZT32/25-775          | A                            | B   | C   | D   | 0.3-3m                     |
| 30mm<br>(K)        | 4                 | 90                             | 154                        | CZT04/30-90           | A                            | B   | C   | D   | 0.3-3m                     |
|                    | 6                 | 150                            | 214                        | CZT06/30-150          | A                            | B   | C   | D   | 0.3-3m                     |
|                    | 8                 | 210                            | 274                        | CZT08/30-210          | A                            | B   | C   | D   | 0.3-3m                     |
|                    | 10                | 270                            | 334                        | CZT10/30-270          | A                            | B   | C   | D   | 0.3-3m                     |
|                    | 12                | 330                            | 394                        | CZT12/30-330          | A                            | B   | C   | D   | 0.3-3m                     |
|                    | 14                | 390                            | 454                        | CZT14/30-390          | A                            | B   | C   | D   | 0.3-3m                     |
|                    | 16                | 450                            | 514                        | CZT16/30-450          | A                            | B   | C   | D   | 0.3-3m                     |
|                    | 18                | 510                            | 574                        | CZT18/30-510          | A                            | B   | C   | D   | 0.3-3m                     |
|                    | 20                | 570                            | 634                        | CZT20/30-570          | A                            | B   | C   | D   | 0.3-3m                     |
|                    | 22                | 630                            | 694                        | CZT22/30-630          | A                            | B   | C   | D   | 0.3-3m                     |
|                    | 24                | 690                            | 754                        | CZT24/30-690          | A                            | B   | C   | D   | 0.3-3m                     |
|                    | 26                | 750                            | 814                        | CZT26/30-750          | A                            | B   | C   | D   | 0.3-3m                     |
|                    | 28                | 810                            | 874                        | CZT28/30-810          | A                            | B   | C   | D   | 0.3-3m                     |
|                    | 30                | 870                            | 934                        | CZT30/30-870          | A                            | B   | C   | D   | 0.3-3m                     |
|                    | 32                | 930                            | 994                        | CZT32/30-930          | A                            | B   | C   | D   | 0.3-3m                     |
| 40mm<br>(K)        | 4                 | 120                            | 189                        | CZT04/40-120          | A                            | B   | C   | D   | 0.3-3m                     |
|                    | 6                 | 200                            | 269                        | CZT06/40-200          | A                            | B   | C   | D   | 0.3-3m                     |
|                    | 8                 | 280                            | 349                        | CZT08/40-280          | A                            | B   | C   | D   | 0.3-3m                     |
|                    | 10                | 360                            | 429                        | CZT10/40-360          | A                            | B   | C   | D   | 0.3-3m                     |
|                    | 12                | 440                            | 509                        | CZT12/40-440          | A                            | B   | C   | D   | 0.3-3m                     |
|                    | 14                | 520                            | 589                        | CZT14/40-520          | A                            | B   | C   | D   | 0.3-3m                     |
|                    | 16                | 600                            | 669                        | CZT16/40-600          | A                            | B   | C   | D   | 0.3-3m                     |
|                    | 18                | 680                            | 749                        | CZT18/40-680          | A                            | B   | C   | D   | 0.3-3m                     |
|                    | 20                | 760                            | 829                        | CZT20/40-760          | A                            | B   | C   | D   | 0.3-3m                     |
|                    | 22                | 840                            | 909                        | CZT22/40-840          | A                            | B   | C   | D   | 0.3-3m                     |
|                    | 24                | 920                            | 989                        | CZT24/40-920          | A                            | B   | C   | D   | 0.3-3m                     |
|                    | 26                | 1000                           | 1069                       | CZT26/40-1000         | A                            | B   | C   | D   | 0.3-3m                     |
|                    | 28                | 1080                           | 1149                       | CZT28/40-1080         | A                            | B   | C   | D   | 0.3-3m                     |
|                    | 30                | 1160                           | 1229                       | CZT30/40-1160         | A                            | B   | C   | D   | 0.3-3m                     |
|                    | 32                | 1240                           | 1309                       | CZT32/40-1240         | A                            | B   | C   | D   | 0.3-3m                     |
| 80mm<br>(K)        | 4                 | 240                            | 329                        | CZT04/80-240          | A                            | B   | C   | D   | 0.3-3m                     |
|                    | 6                 | 400                            | 489                        | CZT06/80-400          | A                            | B   | C   | D   | 0.3-3m                     |
|                    | 8                 | 560                            | 649                        | CZT08/80-560          | A                            | B   | C   | D   | 0.3-3m                     |
|                    | 10                | 720                            | 809                        | CZT10/80-720          | A                            | B   | C   | D   | 0.3-3m                     |
|                    | 12                | 880                            | 969                        | CZT12/80-880          | A                            | B   | C   | D   | 0.3-3m                     |
|                    | 14                | 1040                           | 1129                       | CZT14/80-1040         | A                            | B   | C   | D   | 0.3-3m                     |
|                    | ...               | ...                            | ...                        | ...                   | A                            | B   | C   | D   | 0.3-3m                     |
|                    | 26                | 2000                           | 2089                       | CZT26/80-2000         | A                            | B   | C   | D   | 0.3-3m                     |
|                    | 28                | 2160                           | 2249                       | CZT28/80-2160         | A                            | B   | C   | D   | 0.3-3m                     |
|                    | 30                | 2320                           | 2409                       | CZT30/80-2320         | A                            | B   | C   | D   | 0.3-3m                     |
|                    | 32                | 2480                           | 2569                       | CZT32/80-2480         | A                            | B   | C   | D   | 0.3-3m                     |

备注：输出方式详见上一规格说明，如无要求默认做A图。80mm间距及特殊规格可另外订做,检测距离0.3-2M。

Remarks: Please refer to the specification on the previous page for the output method. If there is no requirement, the default is A picture. 80mm pitch and special specifications can be customized, The detection distance is 0.3-2M.

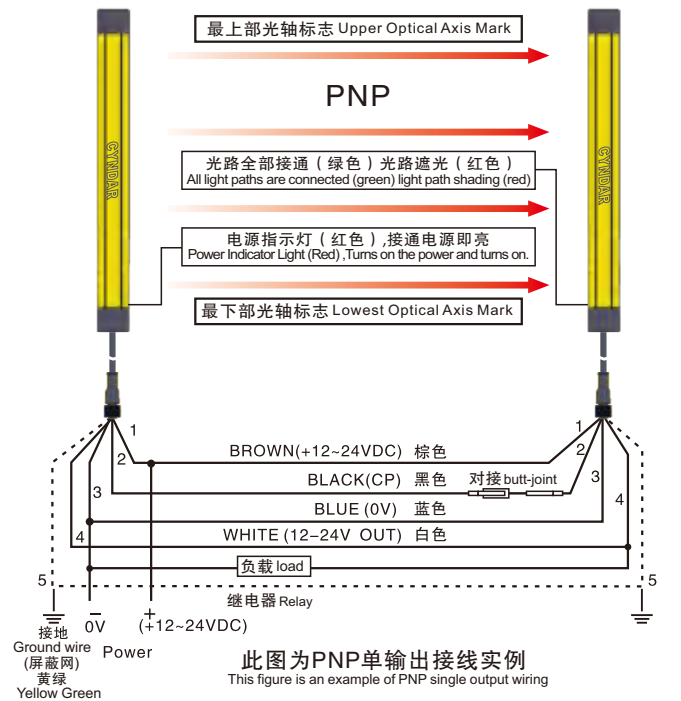
## ◆ CZT发射接收全五芯系列NPN接线图

CZT transmitting and receiving full five-core series NPN wiring diagram



## ◆ CZT发射器、接收器全五芯PNP接线图

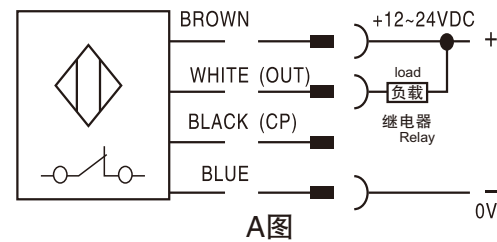
CZT transmitter, receiver full five-core PNP wiring diagram



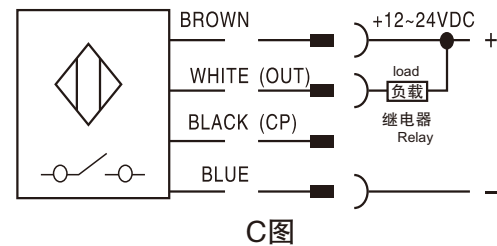
## ◆ CZT信号输出选择（晶体管正常工作的实际输出）

CZT signal output selection (actual output of transistor working normally)

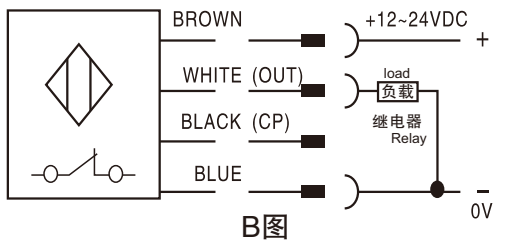
## NPN 常闭 NC



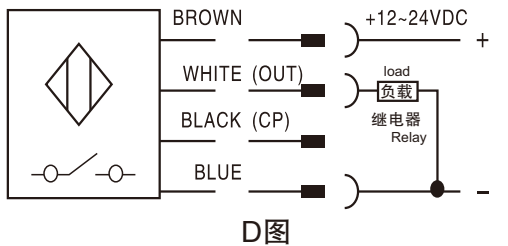
## NPN 常开 NO



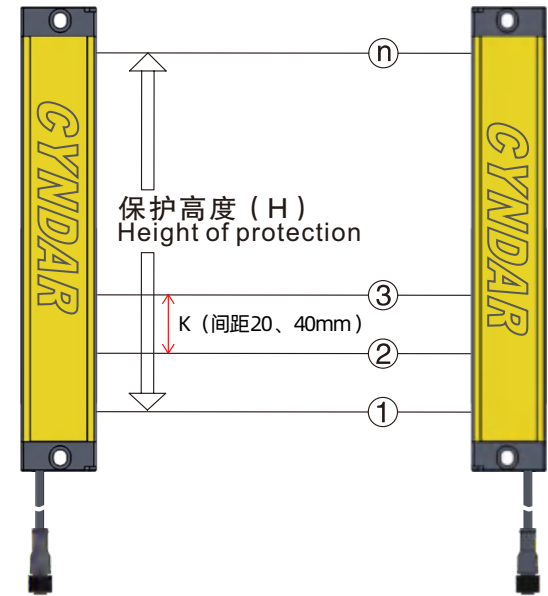
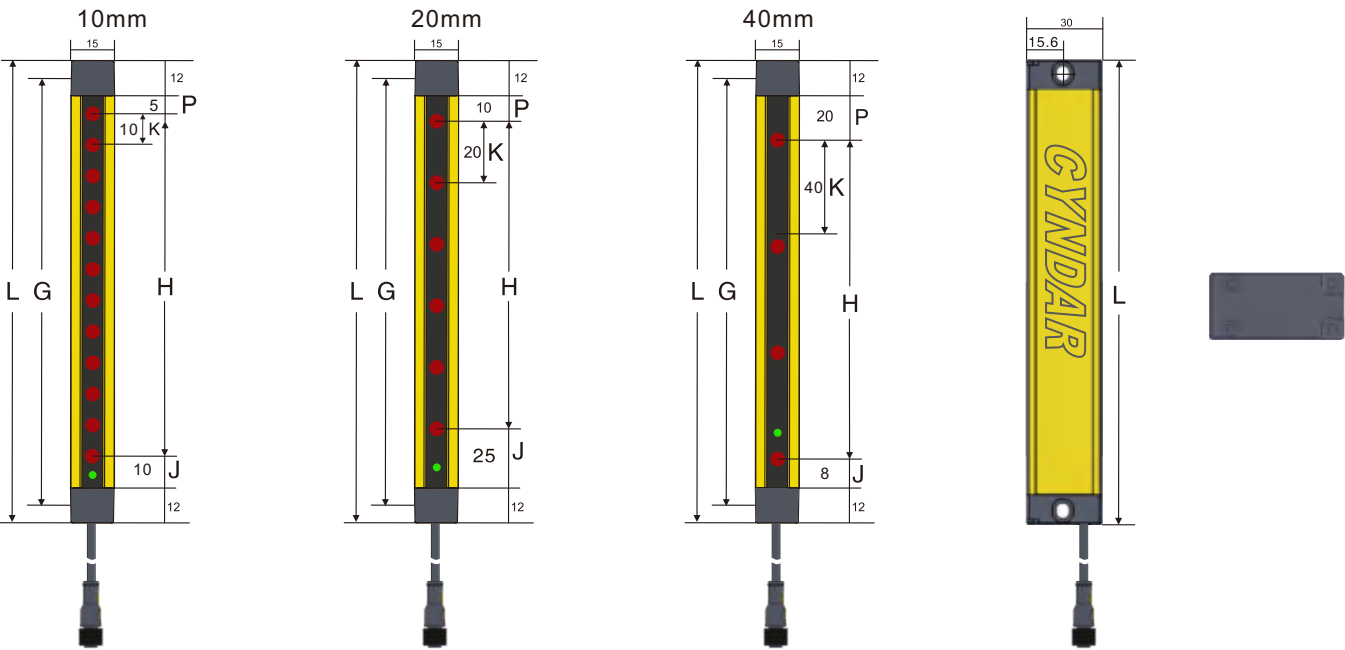
## PNP 常闭 PC



## PNP 常开 PO



◆ CBT外形尺寸 Dimensions



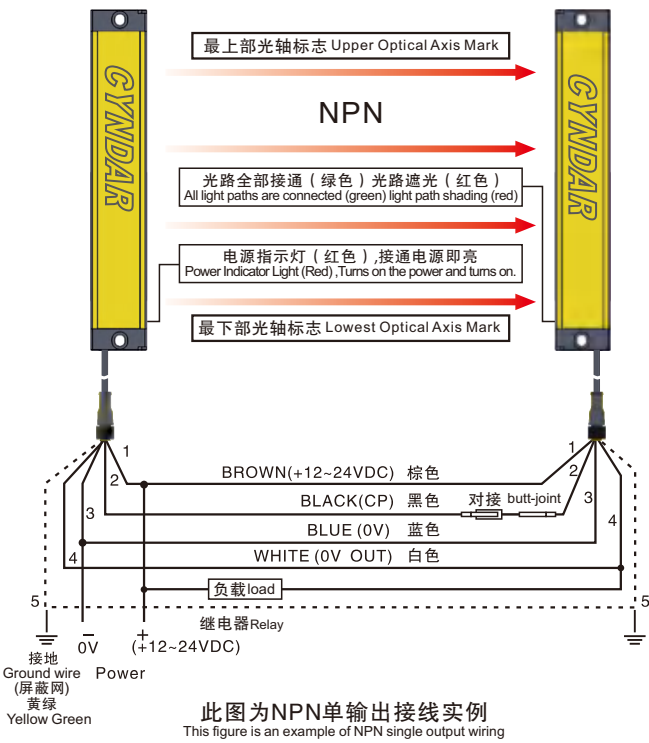
| 光轴间距20mm (K)<br>Optical axis spacing 20mm (K) |                |     |     |
|-----------------------------------------------|----------------|-----|-----|
| 4                                             | CBT04/20-60*#  | 60  | 119 |
| 6                                             | CBT06/20-100*# | 100 | 159 |
| 8                                             | CBT08/20-140*# | 140 | 199 |
| 10                                            | CBT10/20-180*# | 180 | 239 |
| 12                                            | CBT12/20-220*# | 220 | 279 |
| 14                                            | CBT14/20-260*# | 260 | 319 |
| 16                                            | CBT16/20-300*# | 300 | 359 |
| 18                                            | CBT18/20-340*# | 340 | 399 |
| 20                                            | CBT20/20-380*# | 380 | 439 |
| 22                                            | CBT22/20-420*# | 420 | 479 |
| 24                                            | CBT24/20-460*# | 460 | 519 |
| 26                                            | CBT26/20-500*# | 500 | 559 |
| 28                                            | CBT28/20-540*# | 540 | 599 |
| 30                                            | CBT30/20-580*# | 580 | 639 |
| 32                                            | CBT32/20-620*# | 620 | 679 |

◆ CBT Specification List

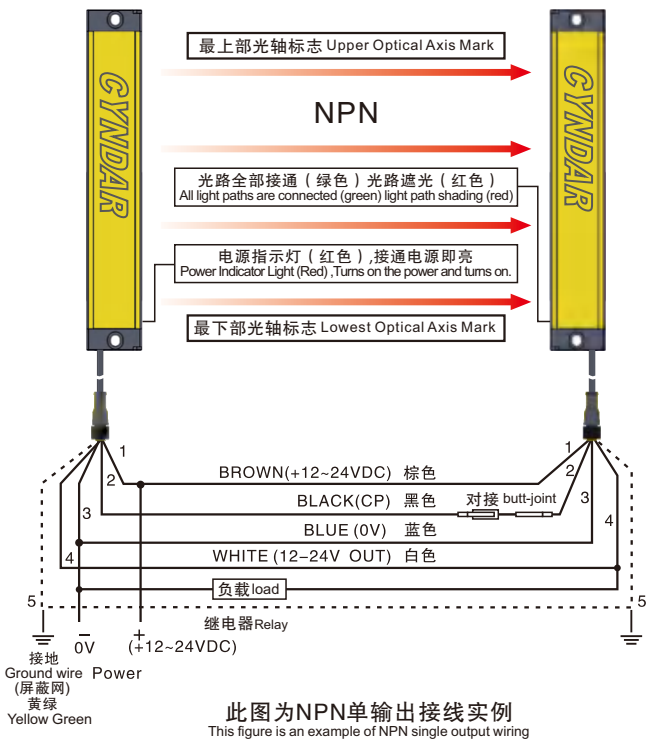
| 光束数<br>Optical axis number                    | 规格型号<br>Model number | 保护高度<br>Protection height | 光幕高度<br>Light curtain height |
|-----------------------------------------------|----------------------|---------------------------|------------------------------|
| 光轴间距10mm (K)<br>Optical axis spacing 10mm (K) |                      |                           |                              |
| 6                                             | CBT06/10-50*#        | 50                        | 89                           |
| 8                                             | CBT08/10-70*#        | 70                        | 109                          |
| 10                                            | CBT10/10-90*#        | 90                        | 129                          |
| 12                                            | CBT12/10-110*#       | 110                       | 149                          |
| 14                                            | CBT14/10-130*#       | 130                       | 169                          |
| 16                                            | CBT16/10-150*#       | 150                       | 189                          |
| 18                                            | CBT18/10-170*#       | 170                       | 209                          |
| 20                                            | CBT20/10-190*#       | 190                       | 229                          |
| 22                                            | CBT22/10-210*#       | 210                       | 249                          |
| 24                                            | CBT24/10-230*#       | 230                       | 269                          |
| 26                                            | CBT26/10-250*#       | 250                       | 289                          |
| 28                                            | CBT28/10-270*#       | 270                       | 309                          |
| 30                                            | CBT30/10-290*#       | 290                       | 329                          |
| 32                                            | CBT32/10-310*#       | 310                       | 349                          |

| 光轴间距40mm (K)<br>Optical axis spacing 40mm (K) |                 |      |      |
|-----------------------------------------------|-----------------|------|------|
| 4                                             | CBT04/40-120*#  | 120  | 189  |
| 6                                             | CBT06/40-200*#  | 200  | 269  |
| 8                                             | CBT08/40-280*#  | 280  | 349  |
| 10                                            | CBT10/40-360*#  | 360  | 429  |
| 12                                            | CBT12/40-440*#  | 440  | 509  |
| 14                                            | CBT14/40-520*#  | 520  | 589  |
| 16                                            | CBT16/40-600*#  | 600  | 669  |
| 18                                            | CBT18/40-680*#  | 680  | 749  |
| 20                                            | CBT20/40-760*#  | 760  | 829  |
| 22                                            | CBT22/40-840*#  | 840  | 909  |
| 24                                            | CBT24/40-920*#  | 920  | 989  |
| 26                                            | CBT26/40-1000*# | 1000 | 1069 |
| 28                                            | CBT28/40-1080*# | 1080 | 1149 |
| 30                                            | CBT30/40-1160*# | 1160 | 1229 |
| 32                                            | CBT32/40-1240*# | 1240 | 1309 |

◆ CBT发射器、接收器五芯接线图  
CBT transmitting and receiving five-core wiring diagram



◆ CBT发射器、接收器五芯接线图  
CBT transmitting and receiving five-core wiring diagram



◆ CBT信号输出选择（晶体管正常工作的实际输出）  
CBT signal output selection (actual output of transistor working normally)

