

# 一、韩国AUTONICS自控元器件

## (一.) 计数器/定时器

| 外型      | 型号               | 外型尺寸          | 输入方式                | 显示   | 电源                      | 功能                          | 市场价  |      |     |
|---------|------------------|---------------|---------------------|------|-------------------------|-----------------------------|------|------|-----|
|         | LA7N-1,2,3,4     | W48*H24*L48   | 无(有)接点              | 7位   | 内置3VDC<br>电池            | 加法专用<br>1cps-7kcps          | 249  |      |     |
|         | LA7N-1R,2R,3R,4R |               | 输入                  |      |                         |                             | 249  |      |     |
|         | LA7N-F,FR        |               | 任意电压输入              |      |                         |                             | 267  |      |     |
|         | FS5B             | W48*H48*L88   | NPN输入               | 5位   | AC100-240V,<br>DC12-24V | 1段预设                        | 365  |      |     |
|         | FS4A             |               |                     | 4位   |                         | 显示专用                        | 535  |      |     |
|         | FX4Y-I           | W72*H36*L93   |                     | 4位   |                         | 显示专用                        | 456  |      |     |
|         | FX6Y-I           |               |                     | 6位   |                         | 483                         |      |      |     |
|         | FX5S-I           | W48*H48*L91   |                     | 5位   |                         | 显示专用                        | 469  |      |     |
|         | FX4S             |               |                     | 4位   |                         | 1段预设                        | 535  |      |     |
|         | FX4-I            | W72*H72*L113  | PNP输入               | 4位   |                         | 显示专用                        | 535  |      |     |
|         | FX6-I            |               |                     | 6位   |                         | 665                         |      |      |     |
|         | FX4              |               |                     | 4位   |                         | 1段预设                        | 756  |      |     |
|         | FX6              |               |                     | 6位   |                         | 2段预设                        | 887  |      |     |
|         | FX4-2P           |               |                     | 4位   |                         | 2段预设                        | 991  |      |     |
|         | FX6-2P           |               |                     | 6位   |                         | 显示专用                        | 535  |      |     |
|         | FX4H-I           | W48*H96*L100  | 4位                  | 4位   |                         | 1段预设                        | 665  |      |     |
|         | FX4H             |               |                     |      |                         | 1段预设                        | 665  |      |     |
|         | FX4H-2P          |               |                     |      |                         | 2段预设                        | 887  |      |     |
|         | FX4L-I           | W144*H72*L112 | 4位                  | 6位   |                         | 显示专用                        | 613  |      |     |
|         | FX6L-I           |               |                     |      |                         |                             | 665  |      |     |
|         | FX4L-2P          |               |                     |      |                         |                             | 4位   | 2段预设 | 978 |
|         | FX6L-2P          |               |                     |      |                         |                             | 6位   | 1089 |     |
|         | CT4S             | W48*H48*L100  | NPN/PNP<br>内部<br>转换 | 4位   |                         | AC100-<br>240V,<br>DC24-60V | 1段预置 | 456  |     |
|         | CT4S-2P          |               |                     |      |                         |                             | 2段预置 | 548  |     |
|         | CT6S-I           |               |                     |      |                         |                             | 显示专用 | 417  |     |
|         | CT6S             | 1段预置          |                     | 483  |                         |                             |      |      |     |
|         | CT6S-2P          | 2段预置          |                     | 587  |                         |                             |      |      |     |
|         | CT6-I            | W72*H72*L95   |                     | 6位   |                         |                             | 6位   | 显示专用 | 509 |
|         | CT6              |               | 1段预置                |      |                         |                             |      | 600  |     |
|         | CT6-2P           |               | 2段预置                |      |                         |                             |      | 704  |     |
| CT6Y-I  | W72*H36*L83      | 6位            | 6位                  | 显示专用 |                         |                             | 417  |      |     |
| CT6Y    |                  |               |                     | 1段预置 |                         |                             | 483  |      |     |
| CT6Y-2P |                  |               |                     | 2段预置 |                         |                             | 587  |      |     |

### 计数器

|  |         |          |        |                         |        |                        |      |
|--|---------|----------|--------|-------------------------|--------|------------------------|------|
|  | F8A     | W72*H72  | 1段预设   | NPN/P<br>NP内<br>部转<br>换 | 显示: 8位 | AC100-240V<br>DC12-24V | 885  |
|  | F8B     |          | 显示专用   |                         |        |                        | 717  |
|  | L8A     | W144*H72 | 1段预设   |                         |        |                        | 1002 |
|  | L8B     |          | 显示专用   |                         |        |                        | 802  |
|  | F4AM    | W72*H72  | 1段预设   |                         | 显示: 4位 |                        | 912  |
|  | F4AM-2P |          | 2段预设   |                         | 1002   |                        |      |
|  | F6AM    | W144*H72 | 1段预设   |                         | 显示: 6位 |                        | 976  |
|  | F6AM-2P |          | 2段预设   |                         | 1114   |                        |      |
|  | F4BM    | W72*H72  | 显示专用   |                         | 显示: 4位 |                        | 740  |
|  | F6BM    |          | 显示: 6位 |                         | 776    |                        |      |
|  | L4AM-2P | W144*H72 | 2段预设   |                         | 显示: 4位 |                        | 1390 |
|  | L6AM-2P |          |        |                         | 显示: 6位 |                        | 1502 |
|  | L4BM    |          | 显示专用   |                         | 显示: 4位 |                        | 954  |
|  | L6BM    |          |        |                         | 显示: 6位 |                        | 1004 |

## 计时器

|                     | 型 号               | 外型尺寸        | 输出(时间)方式          | 显示     | 电 源   |  | 市场价 |
|---------------------|-------------------|-------------|-------------------|--------|---|--|-----|
| 小型LCD<br>计时器        | LE7N-S,M,H,HR     | W48*H24*L48 | 无电压输入             | 7位     | 99h59m59.9s<br>9999h59.9m<br>99999.9h                     | 内置电源(DC3V )                              | 249 |
|                     | LE7N-SF,MF,HF,HFR |             | 电压输入              |        | 99h59m59.9s<br>9999h59.9m<br>99999.9h                     |  | 267 |
| LCD型数<br>字计时器       | LE3S              | W48*H48*L68 | 定时1C              |        | AC100-240V,<br>DC24-240V                                  |  | 391 |
|                     | LE3SA             |             | 定时2C              |        |   |  |     |
|                     | LE3SB             |             | 定时1C+瞬时1C         |        |   |  |     |
| LCD型背<br>面发光型<br>数字 | LE4S              | W48*H48*L86 | 定时1C              |        |   |  | 430 |
|                     | LE4SA             |             | 定时2C/1C+瞬时1C(选择)  |        |   |  | 430 |
| 周计时器                | LE7D-2            | W72*H72     | 0N/0FF、循环、脉冲功能选择  |        | 100~240VAC  |  | 620 |
| 数字计时<br>器           | FS4E              | W48*H48*L88 | 1段预设(8脚插座型)       | 显示: 4位 | AC100-240V,<br>DC12-24V                                   |  | 535 |
|                     | FS5EI             |             | 显示专用(8脚插座型)       | 显示: 5位 |   |  | 456 |
| 模拟计时器               | AT8N              | W48*H48*L65 | 定时2C/定时1C+瞬时1C    |        | AC100V-240V   |  | 156 |
|                     | AT11DN            |             | 定时2C/             |        | DC24V-240V  |  |     |
|                     | AT11EN            |             | 定时1C+瞬时1C         |        | DC12V   |  |     |
|                     | AT8SDN            |             | 5, 10, 50, 100Sec |        | AC100-240V DC24-240V                                      |  |     |
| 模拟OFF延<br>时计时器      | AT8PSN            | W48*H48*L65 | 0.5,1,5,10 Sec    |        | AC100V-120V, 200-240V,<br>DC24V, DC48V, DC100/110V Select |  | 209 |
|                     | AT8PMN            |             | 0.5,1,5,10 Min    |        |   |  |     |
| 通用型计<br>时器          | ATE-              | W48*H48*L92 | 定时1C+瞬时1a         |        | 1,3,6,10,30,6<br>0秒<br>3.6.10.30.60                       | AC110/220V<br>AC110V, 220V,<br>DC12, 24V | 91  |
|                     | ATE1 -            |             | 定时2C              |        |   |  |     |
|                     | ATE2-             |             | 定时1C+瞬时1C         |        |   |  |     |

## 选件

| 外型       | 型 号         | 外型尺寸          | 插座       |           | 脉冲/回转  | 电 源           | 市场价 |
|----------|-------------|---------------|----------|-----------|--------|---------------|-----|
|          | FGB48-BL,GL | 外观黑(银灰)色      |          |           |        |               | 4   |
|          | PGB48-W     | 48*48插座       |          |           |        |               |     |
|          | PG-08       | W33*H41*L21   | 计时器8脚插座  |           | 用于面板安装 |               | 9   |
|          | PG-11       | W45*H43*L21   | 计时器11脚插座 |           |        | 14            |     |
|          | PS-08       | W70*H50*L25   | 计时器8脚插座  |           | 用于卡轨安装 |               | 10  |
|          | PS-11       | W70*H50*L29.5 | 计时器11脚插座 |           |        | 17            |     |
|          | LR7N-S1     | W48*H24*L52   | 7000转/秒  | 显示 7<br>位 | 1转     | 内置3VDC 电<br>池 | 243 |
| LR7N-M60 | 60转         |               |          |           |        |               |     |

## 显示单元:

| 外 型         | 型 号        | 外型尺寸                  | 说 明   | 电 源                 | 市场价 |
|-------------|------------|-----------------------|---|---------------------|-----|
|             | D5Y-M      | W72*H36*L93           | 响应100Hz/5kHz输入: 静/动态 4/5,<br>16/20/25位低速型<br>正/反逻辑可先择<br>文字颜色: 红色(5位) | 12~24VDC            | 348 |
|             | D5W-M      | W96*H48*L99.6         |   | 12~24VDC            | 369 |
|             | D5W-MX     | W72*H96*L56.9         |   | 110/220VAC          | 424 |
|             | D1SA-RN,GN | W32*H33               | 并行或串行输入锁存电路、时钟<br>10进制, 16进制<br>文字颜色: RN红色 GN绿色                       | 12~24VDC 数<br>码显示单元 | 156 |
|             | D1AA-RN,GN |                       |   |                     | 170 |
|             | D1SC-N     | W72 X H96             |   |                     | 404 |
|             | CT-10S     | Socket                | D1SA, D1AA产品用插座   |                     | 8   |
| DAR(L)-R,BL | CAP        | 左/右颜色 (一对) R-红色 BL-绿色 |   | 4                   |     |

## (二) .面板仪表:

| 外型                              | 型 号                             | 外型尺寸                              | 最大测定                    | 显示位数                 | 功能                   | 电源           | 市场价                    |                       |                        |            |      |
|---------------------------------|---------------------------------|-----------------------------------|-------------------------|----------------------|----------------------|--------------|------------------------|-----------------------|------------------------|------------|------|
|                                 | M4N-DV/DA-0□                    | W48*H24*L59<br>面板开<br>孔:45.5*21.5 | DV: 200V<br>DA: DC200MA | 1999<br>(3<br>1/2显示) | 显示专用                 | DC5V         | 261                    |                       |                        |            |      |
|                                 | M4N-DI-0□                       |                                   | DC4-20MA                |                      |                      |              | 287                    |                       |                        |            |      |
|                                 | M4N-DV/DA-1□                    |                                   | DV: 200V<br>DA: DC200MA |                      |                      | DC12V-24V    | 261                    |                       |                        |            |      |
|                                 | M4N-DI-1□                       |                                   | DC4-20MA                |                      |                      |              | 287                    |                       |                        |            |      |
|                                 | M4Y-DV-□                        | W72*H36                           | DC300V                  |                      | 1999<br>(3<br>1/2显示) | DC电压表        | AC100-240V             | 339                   |                        |            |      |
|                                 | M4Y-DA-□                        |                                   | DC2A                    |                      |                      | DC电流表        |                        |                       |                        |            |      |
|                                 | M4Y-W-□                         |                                   | DC0-10V                 |                      |                      | 功率表          |                        |                       |                        |            |      |
|                                 | M4Y-T-1                         |                                   |                         |                      |                      | 转速表          |                        |                       |                        |            |      |
|                                 | M4Y-S-1                         |                                   |                         |                      |                      | 线速度表         |                        |                       |                        |            |      |
|                                 | POWER OPTION                    |                                   | DC300V/DC2A<br>/DC0-10V |                      |                      | 包括以上五<br>种方式 | DC5V                   | 304                   |                        |            |      |
|                                 | M4Y-DI                          |                                   | DC4-20MA                |                      |                      | AC100-240V   | DC24-70V               | 417                   |                        |            |      |
|                                 | M4Y-AV(R)-□                     |                                   | AC400V                  |                      |                      |              | AC100-240V             | 391                   |                        |            |      |
|                                 | M4Y-AA(R)-□                     |                                   | AC5A                    |                      |                      |              |                        |                       |                        |            |      |
|                                 | M4Y-T(R)-2                      |                                   | AC0-10V                 |                      |                      |              |                        |                       |                        |            |      |
|                                 | M4Y-S(R)-2                      |                                   |                         |                      |                      |              |                        |                       |                        |            |      |
|                                 | (POWER OPTION)<br>M4Y-XX-SMPS   |                                   | 包括以上四种<br>方式            |                      |                      | 包括以上五<br>种方式 | DC5V                   | 355                   |                        |            |      |
|                                 |                                 |                                   | M4W-DI                  |                      |                      | W96*H48      | DC4-20MA               | 1999<br>(3<br>1/2显示)  | 控制面板表                  | AC110/220V | 391  |
|                                 |                                 |                                   | M4W-DV-□                |                      |                      |              | DC300V                 |                       | DC电压表                  |            |      |
|                                 |                                 | M4W-DA-□                          | DC2A                    |                      | DC电流表                |              |                        |                       |                        |            |      |
|                                 |                                 | M4W-W-□                           | DC0-10V                 |                      | 功率表                  |              | AC110/220V             |                       | 339                    |            |      |
|                                 |                                 | M4W-T-1                           |                         |                      | 转速表                  |              |                        |                       |                        |            |      |
|                                 |                                 | M4W-S-1                           |                         |                      | 线速度表                 |              |                        |                       |                        |            |      |
|                                 |                                 | M4W-AV(R)-□                       | AC400V                  |                      | AC电压表                |              |                        |                       |                        | 391        |      |
|                                 |                                 | M4W-AA(R)-□                       | AC5A                    |                      | AC电流表                |              |                        |                       |                        |            |      |
|                                 |                                 | M4W-T(R)-2                        | AC0-10V                 |                      | 功率表                  |              |                        |                       |                        |            |      |
|                                 |                                 | M4W-S(R)-2                        |                         |                      | 转速表                  |              |                        |                       |                        |            |      |
|                                 |                                 | (POWER OPTION)<br>M4W-XX-SMPS     | 包括以上七种<br>方式            |                      | 包括以上五种<br>方式         |              | DC24-70V               |                       | 443                    |            |      |
|                                 |                                 | M4W1P-□□-□                        | 与M4W1P功能一<br>样          |                      | 1段预设                 |              | AC110/220V             |                       | 978                    |            |      |
|                                 |                                 | (POWER OPTION)<br>M4W1P-XX-SMPS   |                         |                      |                      |              | DC24-70V<br>AC100-240V |                       | 1030                   |            |      |
|                                 |                                 | M4W2P-□□-□                        | 显示型一样                   |                      | 2段预设                 |              | AC110/220V             |                       | 1304                   |            |      |
|                                 |                                 | (POWER OPTION)<br>M4W2P-XX-SMPS   |                         |                      |                      |              | DC24-70V<br>AC100-240V |                       | 1356                   |            |      |
|                                 |                                 | M4W-P                             | DC4-20MA                |                      | 显示专用                 |              | AC100/220V             |                       | 391                    |            |      |
|                                 |                                 | M4M-DI-XX                         | W72*H72                 | DC4-20MA             | 1999<br>(3<br>1/2显示) |              | 显示专用                   |                       | AC110/220V             | 574        |      |
|                                 |                                 | M4M-□□-□                          |                         | 所有M4W                |                      |              |                        |                       |                        | 522        |      |
|                                 |                                 | (POWER OPTION)<br>M4M-XX-SMPS     |                         | 所有M4W                |                      |              |                        |                       | DC24-70V<br>AC100-240V | 574        |      |
|                                 |                                 | M4M1P-□□-□                        |                         | 所有M4W1P              |                      |              | 1段预设                   |                       | AC110/220V             | 978        |      |
|                                 | (POWER OPTION)<br>M4M1P-XX-SMPS | DC24-70V<br>AC100-240V            |                         |                      |                      | 1030         |                        |                       |                        |            |      |
|                                 |                                 | M4M2P-□□-□                        |                         |                      |                      | W72*H72      | 所有M4W2P                | 1999<br>(3 1/2<br>显示) | 2段预设                   | AC110/220V | 1304 |
| (POWER OPTION)<br>M4M2P-XX-SMPS |                                 | DC24-70V<br>AC100-240V            | 1356                    |                      |                      |              |                        |                       |                        |            |      |

|                  |                  |                     |                                   |                      |                             |                                       |      |
|------------------|------------------|---------------------|-----------------------------------|----------------------|-----------------------------|---------------------------------------|------|
|                  | M5W-DI           |                     | DC4-20MA                          |                      | 控制面板表                       |                                       | 483  |
|                  | M5W-DV-□         |                     | DC300V                            |                      | DC电压表                       |                                       |      |
|                  | M5W-DA-□         |                     | DC2A                              |                      | DC电流表                       |                                       |      |
|                  | M5W-W-□          |                     |                                   |                      | 功率表                         |                                       | 456  |
|                  | M5W-T-1          |                     | DC0-10V                           |                      | 转速表                         | AC100-240V                            |      |
|                  | M5W-S-1          |                     |                                   | 1999<br>(4<br>1/2显示) | 线速度表                        |                                       |      |
|                  | M5W-AV-□         |                     | AC400V                            |                      | AC电压表                       |                                       | 483  |
|                  | M5W-AA-□         |                     | AC5A                              |                      | AC电流表                       |                                       |      |
|                  | M5W-T-2          |                     | AC0-10V                           |                      | 功率表                         |                                       |      |
|                  | M5W-S-2          |                     |                                   |                      | 转速表                         |                                       |      |
|                  | M5W-XX-SMPS      |                     | 以上六种方式                            |                      | 以上八种方式                      | DC24-70V                              | 522  |
|                  | M4V              | W75 X H25mm         |                                   |                      |                             | DC12-24V                              | 456  |
|                  | M4NS-NA          | W48 X H24mm         |                                   |                      | 显示专用                        |                                       | 327  |
|                  | M4YS-NA          | W72 X H36mm         | DC4-20mA                          | 4位                   |                             | 无电压输入                                 |      |
| 多功能面板            | MT4Y-DV/AV(A)-4N |                     | 显示型                               |                      | *DV/AV-4N                   | 宽电源:100-240VAC 测量<br>输入:直流电压/<br>交流电压 |      |
|                  | MT4Y-DV/AV(A)-41 |                     | NPN 0.C.输出                        |                      | DC/AC电压最大测定:                |                                       |      |
|                  | MT4Y-DV/AV(A)-42 |                     | PNP 0.C.输出                        |                      | DC500V                      |                                       |      |
|                  | MT4Y-DV/AV(A)-43 |                     | BCD 码输出                           |                      | *DA/AA-4N                   |                                       |      |
|                  | MT4Y-DV/AV(A)-44 |                     | 4-20mA输出                          |                      | DC/AC电流最大测定:                |                                       |      |
|                  | MT4Y-DV/AV(A)-45 |                     | 低速串行输出                            |                      | DC5A                        |                                       |      |
|                  | MT4Y-DV/AV(A)-46 |                     | RS485                             |                      |                             |                                       |      |
|                  | MT4W-DV(A)-4N    |                     | 显示型                               |                      |                             | 宽电源:100-240VAC 测量<br>输入:直流电压          | 391  |
|                  | MT4W-DV(A)-40    |                     | RY3 (H, GO, L) +DC4-20MA          |                      |                             |                                       | 782  |
|                  | MT4W-DV(A)-41    |                     | RY3 (H, GO, L)                    |                      |                             |                                       | 678  |
|                  | MT4W-DV(A)-42/43 |                     | NPN/PNP 0.C. +BCD                 |                      |                             |                                       | 782  |
|                  | MT4W-DV(A)-44/45 |                     | NPN/PNP0.C. +DC4-20MA             |                      | *DV/AV-4NDC/AC电压最大测定:DC500V |                                       |      |
|                  | MT4W-DV(A)-46/47 |                     | NPN/PNP 0.C. +低速串行                |                      | *DA/AA-4NDC/AC电流最大测定:DC5A   |                                       |      |
|                  | MT4W-DV(A)-48/49 |                     | NPN/PNP 0.C. +RS485               |                      | *最大显示:-999~9999             |                                       |      |
|                  | MT4W-AV(A)-4N    |                     | 显示型                               |                      |                             | 宽电源:100-240VAC 测量<br>输入:交流电压          | 417  |
|                  | MT4W-AV(A)-40    |                     | RY3 (H, GO, L) +DC4-20MA          |                      |                             |                                       | 835  |
|                  | MT4W-AV(A)-41    |                     | RY3 (H, GO, L)                    |                      |                             |                                       | 717  |
|                  | MT4W-AV(A)-42/43 |                     | NPN/PNP 0.C. +BCD                 |                      |                             |                                       | 835  |
|                  | MT4W-AV(A)-44/45 |                     | NPN/PNP0.C. +DC4-20MA             |                      |                             |                                       |      |
|                  | MT4W-AV(A)-46/47 |                     | NPN/PNP 0.C. +低速串行                |                      |                             |                                       |      |
| MT4W-AV(A)-48/49 |                  | NPN/PNP 0.C. +RS485 |                                   |                      |                             |                                       |      |
| 脉冲(转/线速)         | MP5S-4N          | W48 X H48mm         | 显示型                               |                      |                             |                                       | 704  |
|                  | MP5S-42          |                     | RY (H, GO, L)                     |                      |                             |                                       |      |
|                  | MP5Y-4N          |                     | 显示型                               |                      |                             |                                       | 704  |
|                  | MP5Y-41          |                     | NPN 0.C 5-stage                   |                      |                             |                                       | 960  |
|                  | MP5Y-42          | W72 X H36mm         | NPN, PNP, BCD, 4~20mA, 低速串行,RS485 |                      |                             |                                       | 1081 |
|                  | MP5Y-43/44/45    |                     |                                   |                      |                             |                                       |      |
|                  | MP5M-4N          |                     | 显示型                               |                      | 输入:<br>NPN/PNP              |                                       | 802  |
|                  | MP5M-41          | W72 X H72mm         | RY1(H)+NPN O.C                    |                      |                             | AC100-240V                            | 965  |

|            |             |                        |      |            |      |
|------------|-------------|------------------------|------|------------|------|
| MP5M-42    |             | RY2(H,L)+NPN O.C       | 内部转换 | AC100-240V | 1287 |
| MP5W-4N    | W96 X H48mm | 显示型                    |      |            | 600  |
| MP5W-41    |             | RY3 (H, GO, L)         |      |            | 892  |
| MP5W-42/43 |             | NPN/PNP+BCD            |      |            | 1054 |
| MP5W-44/45 |             | NPN/PNP+4~20mA         |      |            |      |
| MP5W-46/47 |             | NPN/PNP+Series         |      |            |      |
| MP5W-48/49 |             | NPN/PNP+RS485          |      |            |      |
| MP5W-4A    |             | RY5 (HH, H, GO, L, LL) |      |            |      |

### (三) .温控器:

#### 1. 模拟式温度控制器

| 外型 | 型 号        | 外型尺寸    | 控制输出                           | 说明    | 显示方式 | 电源         | 市场价   |
|----|------------|---------|--------------------------------|-------|------|------------|-------|
|    | TOS        | W48*H48 | 继电器输出<br>SSR驱动输出<br>电流输出<br>选择 | 孔型    | 无指示型 | AC100-240V | 196   |
|    | TOM        | W72*H72 |                                | 接线端子型 |      |            | 偏差指示型 |
|    | TOM-F3RK4C |         |                                |       | 287  |            |       |
|    | TOM-F3RP2C |         |                                |       | 287  |            |       |
|    | TDM        | W96*H96 |                                | 接线端子型 | 无指示型 | AC110/220V | 339   |
|    | TOL        |         |                                |       |      |            | 287   |
|    | TOL-F3RK4C |         |                                |       |      |            | 287   |
|    | TOL-F3RP4C |         |                                |       |      |            | 287   |
|    | TDL        |         | 365                            |       |      |            |       |

#### 2.PID控制式温度控制器

| 外型 | 型 号               | 外型尺寸  | 控制输出       | 说明    | 特性   | 电源         | 市场价 |     |
|----|-------------------|---|------------|-------|--|------------|-----|-----|
|    | TZN4S-14R,14C,14S | W48*H48*L100                                    | 单输出        | 接线端子型 | 1、双重PID自动调节<br>2、高精度±0.3%<br>3、2步自动调节功能<br>4、13种温度传感器输入选择,电压电流输入选择<br>5、多种报警功能选择 | AC100-240V | 506 |     |
|    | TZN4M-14R,14C,14S | W72*H72*L95<br>开孔:68*68<br>输出:R继电器,C:电流,S:SSR驱动 | 单输出        |       |  |            | 558 |     |
|    | TZN4M-24R,24C,24S |   | 双输出        |       |  |            | 588 |     |
|    | TZN4M-R4R,R4C,R4S |   | 单输出+4~20mA |       |  |            | 588 |     |
|    | TZN4M-A4R,A4C,A4S |   | 双输出+4~20mA |       |  |            | 620 |     |
|    | TZN4M-T4R,T4C,T4S |   | 单输出+RS485  |       |  |            | 782 |     |
|    | TZN4M-B4R,B4C,B4S |   | 双输出+RS485  |       |  |            | 822 |     |
|    | TZN4W-14R(S,C)    | W96*H48<br>R继电器,C:电流,S:SSR驱动                    | 单输出        |       |  |            | 558 |     |
|    | TZN4W-24R(S,C)    |   | 双输出        | 599   |  |            |     |     |
|    | TZN4W-R4R(S,C)    |   | 单输出+4~20mA | 599   |  |            |     |     |
|    | TZN4W-A4R(S,C)    |   | 双输出+4~20mA | 620   |  |            |     |     |
|    | TZN4W-T4R(S,C)    |   | 单输出+RS485  | 782   |  |            |     |     |
|    | TZN4W-B4R(S,C)    |   | 双输出+RS485  | 822   |  |            |     |     |
|    | TZ4SP-14R,14C,14S | W48*H48   | 单输出        | 孔型    |  |            |     | 506 |
|    | TZ4ST-14R,14C,14S | 输出:R继电器,C:电流,S:SSR                              | 单输出        | 接线端子型 |  |            |     | 506 |
|    | TZ4ST-24R,24C,24S |   | 双输出        |       |  | 551        |     |     |
|    | TZ4ST-R4R,R4C,R4S |   | 单输出+4~20mA |       | 551  |            |     |     |
|    | TZ4M-14R,14C,14S  | W72*H72*L113<br>开孔:68*68<br>输出:R继电器,C:电流,S:SSR  | 单输出        |       |  |            | 558 |     |
|    | TZ4M-24R,24C,24S  |   | 双输出        | 588   |  |            |     |     |
|    | TZ4M-R4R,R4C,R4S  |   | 单输出+4~20mA | 588   |  |            |     |     |
|    | TZ4M-A4R,A4C,A4S  |   | 双输出+4~20mA | 620   |  |            |     |     |
|    | TZ4M-T4R,T4C,T4S  |   | 单输出+RS485  | 782   |  |            |     |     |
|    | TZ4M-B4R,B4C,B4S  |   | 双输出+RS485  | 822   |  |            |     |     |
|    | TZ4H-14R,14C,14S  | W48*H96*L113<br>开孔:45*92<br>输出:R继电器,C:电流,S:SSR  | 单输出        |       |  |            | 558 |     |
|    | TZ4H-24R,24C,24S  |   | 双输出        | 599   |  |            |     |     |
|    | TZ4H-R4R,R4C,R4S  |   | 单输出+4~20mA | 599   |  |            |     |     |
|    | TZ4H-A4R,A4C,A4S  |   | 双输出+4~20mA | 620   |  |            |     |     |
|    | TZ4H-T4R,T4C,T4S  |   | 单输出+RS485  | 782   |  |            |     |     |

|                  |   |                    |           |  |            |     |
|------------------|---|--------------------|-----------|--|------------|-----|
| TZ4H-B4R,B4C,B4S |   | 双输出+RS485          | 接线端子型     | 1、双重PID自动调节<br>2、高精度±0.3%<br>3、2步自动调节功能<br>4、13种温度传感器输入选择,电压电流输入选择<br>5、多种报警功能选择 | AC100-240V | 822 |
| TZN4H-14R(S,C)   | W96*H48<br>R继电器,C:电流,S:SSR驱动                  | 单输出                |           |  |            | 558 |
| TZN4H-24R(S,C)   |   | 双输出                |           |  |            | 599 |
| TZN4H-R4R(S,C)   |   | 单输出+4~20mA         |           |  |            | 599 |
| TZN4H-A4R(S,C)   |   | 双输出+4~20mA         |           |  |            | 620 |
| TZN4H-T4R(S,C)   |   | 单输出+RS485          |           |  |            | 782 |
| TZN4H-B4R(S,C)   |   | 双输出+RS485          |           |  |            | 822 |
| TZN4L-14R(S,C)   | W96*H96                                       | 单输出                |           |  |            | 599 |
| TZN4L-24R(S,C)   |   | 双输出                |           |  |            | 631 |
| TZN4L-R4R(S,C)   |   | 单输出+4~20mA         |           |  |            | 631 |
| TZN4L-A4R(S,C)   |   | 双输出+4~20mA         |           |  |            | 649 |
| TZN4L-T4R(S,C)   |   | 单输出+RS485          |           |  |            | 822 |
| TZN4L-B4R(S,C)   |   | 双输出+RS485          |           |  |            | 861 |
| TZ4L-14R,14C,14S | W96*H96*L13<br>开孔:92*92<br>输出:R继电器,C:电流,S:SSR | 单输出                |           |  |            | 599 |
| TZ4L-24R,24C,24S |   | 双输出                |           |  |            | 631 |
| TZ4L-R4R,R4C,R4S |   | 单输出+4~20mA         |           |  |            | 631 |
| TZ4L-A4R,A4C,A4S | W96*H96*L13 开孔:92*92 输出:R继电器,C:电流,S:SSR       | 双输出+4~20mA         |           |  |            | 649 |
| TZ4L-T4R,T4C,T4S |   | 单输出+RS485          |           |  |            | 822 |
| TZ4L-B4R,B4C,B4S |   | 双输出+RS485          |           |  |            | 861 |
| TZ4W-14R,14C,14S |   | 单输出                |           |  |            | 558 |
| TZ4W-24R,24C,24S | 双输出   | 599                |           |  |            |     |
| TZ4W-R4R,R4C,R4S |   | 单输出+4~20mA         | 599       |  |            |     |
| TZ4W-A4R,A4C,A4S |   | 双输出+4~20mA         | 620       |  |            |     |
| TZ4W-T4R,T4C,T4S |   | 单输出+RS485          | 782       |  |            |     |
| TZ4W-B4R,B4C,B4S |   | 双输出+RS485          | 822       |  |            |     |
| TB42-14R         | 显示板<br>W60*H60<br>控制部<br>W78*H65              | 继电器+EV1            | 板型<br>温控器 | 704  |            |     |
| TB42-14S         |   | SSR驱动+EV1          |           |  |            |     |
| TB42-14C         |   | 电流+EV1             |           |  |            |     |
| TB42-14N         |   | PV中继(DC4-20MA)+EV1 |           |  |            |     |

### 3.显示专用型

| 外型 | 型号   | 外型尺寸    | 控制输出 | 说明   | 电源         | 市场价        |
|----|------|---------|------|------|------------|------------|
|    | T3NI | W48*H24 | 无    | 接线端型 | DC12-24V   | 287        |
|    | T3SI | W48*H48 |      | 孔型   |            | AC100-240V |
|    | T4YI | W72*H36 |      | 接线端型 |            |            |
|    | T4WI | W96*H48 | 无    | 接线端型 | AC110/220V |            |
|    | T3HI | W48*H96 |      |      |            | 430        |
|    | T4MI | W72*H72 |      |      |            | 509        |
|    | T4LI | W96*H96 |      |      |            | 509        |

### 4.标准型

| 外型 | 型号  | 外型尺寸    | 控制输出                     | 说明   | 电源         | 市场价 |
|----|-----|---------|--------------------------|------|------------|-----|
|    | T3S | W48*H48 | 继电器输出<br>SSR驱动输出<br>电流输出 | 孔型   | AC100-240V | 535 |
|    | T3H | W48*H96 |                          | 接线端型 | AC110/220V | 613 |
|    | T4M | W72*H72 |                          |      |            | 574 |
|    | T4L | W96*H96 |                          |      |            | 691 |

### 5.数字式温度控制器

| 外型 | 型号        | 外型尺寸    | 控制输出    | 说明   | 显示方式     | 电源 | 市场价 |
|----|-----------|---------|---------|------|----------|----|-----|
|    | T3HA,T3HS | W48*H96 | 继电器输出   | SUB型 | RELAY 1a |    | 691 |
|    | T4MA      | W72*H72 | SSR驱动输出 |      |          |    |     |

|  |      |         |            |  |          |            |     |
|--|------|---------|------------|--|----------|------------|-----|
|  | T4LA | W96*H96 | 电流输出<br>选择 |  | RELAY 1c | AC110/220V | 809 |
|  | T4LP |         |            |  |          |            | 835 |
|  | T4WM | W96*H48 | 无          |  | 指示专用     |            | 743 |

#### 6.功率调节器

| 外型 | 型号        | 控制电流 | 控制电压   | 区分 | 控制输出                       | 电源     | 市场价 |
|----|-----------|------|--------|----|----------------------------|--------|-----|
|    | SPC1-35-E | 35A  | AC220V | 单相 | 相位控制 正<br>周期控制<br>ON/OFF控制 | AC220V | 506 |
|    | SPC1-50-E | 50A  |        |    |                            |        | 632 |

#### (四) 光电传感器

| 外型           | 型号              | 检测模式        | 距离及响应                        | 说明                       | 电源                      | 输出      | 市场价 |     |
|--------------|-----------------|-------------|------------------------------|--------------------------|-------------------------|---------|-----|-----|
|              | BY500-TDT       | 透过型         | 500mm,1ms                    | 遮光<br>ON                 | 12~24VDC                | NPN     | 223 |     |
|              | BYS500-TDT1,2   |             |                              |                          |                         | 339     |     |     |
|              | BYD3M-TDT       | 透过型         | 3M,1ms                       | NPN                      |                         |         |     |     |
|              | BYD3M-TDT-P     |             |                              | PNP                      |                         |         |     |     |
|              | BYD30-DDT,DDT-S | 限定距离<br>反射型 | 30mm,3ms                     | 关延<br>计时器<br>内置          |                         | NPN     | 223 |     |
|              | BYD30-DDT-U     |             |                              |                          |                         |         |     |     |
|              | BYD30-DDT-T内建定时 |             | 50mm,3ms                     |                          |                         |         |     |     |
|              | BYD50-DDT,DDT-S |             |                              |                          |                         |         |     |     |
|              | BYD50-DDT-U     |             |                              |                          |                         |         |     |     |
|              | BYD50-DDT-T内建定时 |             |                              |                          |                         |         |     |     |
|              | BYD100-DDT      | 直接反射型       | 100mm,3ms                    | 入光ON                     |                         |         | 235 |     |
|              | BA2M-DDT        | 直接反射型       | 2M, 1ms                      | 遮光<br>ON                 |                         |         | 339 |     |
|              | BPS3M-TDT       | 透过型         | 3M, 1ms                      | 遮光<br>ON                 |                         | NPN     | 365 |     |
|              | BPS3M-TDT-P     |             |                              |                          |                         |         |     | PNP |
|              | BPS3M-TDTL      |             | 3M                           | 入光<br>ON                 |                         |         |     | NPN |
|              | BPS3M-TDTL-P    |             |                              |                          |                         |         |     | PNP |
|              | BM3M-TDT        | 透过型         | 3M,3ms                       | 遮光<br>ON                 |                         | NPN     | 177 |     |
|              | BM1M-MDT        | 镜面反射型       | 0.1~1M,3ms                   |                          |                         |         |     |     |
|              | BM200-DDT       | 漫反射型        | 200mm,3ms                    | 入光ON                     |                         |         |     |     |
|              | BMS5M-TDT       | 透过型         | 5M, 1ms                      | 入光<br>ON/<br>遮光ON/<br>选择 |                         | NPN     | 313 |     |
| BMS5M-TDT-P  | PNP             |             |                              |                          |                         |         |     |     |
| BMS2M-MDT    | 镜面反射型           | 0.1~2M, 1ms |                              | NPN                      | 261                     |         |     |     |
| BMS2M-MDT-P  | 镜面反射型           | 0.1~2M, 1ms |                              | PNP                      |                         |         |     |     |
| BMS300-DDT   | 漫反射型            | 300mm, 1ms  | 入光<br>ON/<br>遮光<br>ON/<br>选择 | 12~24VDC                 | NPN                     | 261     |     |     |
| BMS300-DDT-P |                 |             |                              | PNP                      |                         |         |     |     |
| BEN10M-TDT   | 透过型             | 10M,1ms     |                              | DC12-24V                 | NPN/PNP                 | 331     |     |     |
| BEN10M-TFR   |                 | 10M,20ms    |                              | AC24-240V/<br>DC24-240V  | 继电器                     | 241     |     |     |
| BEN5M-MDT    | 镜面反射<br>标准型     | 5M,1ms      |                              | DC12-24V                 | NPN/PNP                 | 281     |     |     |
| BEN5M-MFR    |                 | 5M,20ms     |                              | AC24-240V/<br>DC24-240V  | 继电器                     | 208     |     |     |
| BEN3M-PDT    | 镜面反射 偏光<br>片内藏型 | 0.1~3M,1ms  |                              | DC12-24V                 | NPN/PNP                 | 301     |     |     |
| BEN3M-PFR    |                 | 0.1~3M,20ms |                              | AC24-240V/<br>DC24-240V  | 继电器                     | 208     |     |     |
| BEN300-DDT   | 漫反射型            | 300mm,1ms   |                              | DC12-24V                 | NPN/PNP同时输<br>出         | 281     |     |     |
| BEN500-DDT   |                 | 500mm       |                              |                          |                         |         |     |     |
| BEN300-DFR   |                 | 300mm,20ms  |                              | AC24-240V/<br>DC24-240V  | 继电器                     | 208     |     |     |
| BEN500-DFR   |                 | 5mm         |                              |                          |                         |         |     |     |
| BEL10M-TFRD  | 透过型             | 10M         |                              | 遮光                       | AC24-240V/<br>DC24-240V | 继电器输出1A | 194 |     |
| BEL10M-TFRL  |                 |             |                              | 入光                       |                         |         |     |     |
| BEL5M-MFRD   | 后射镜后射           | 5M          |                              | 遮光                       |                         |         | 186 |     |

|  |                  |                |            |                   |                         |          |     |     |
|--|------------------|----------------|------------|-------------------|-------------------------|----------|-----|-----|
|  | BEL5M-MFRL       | 反射型反射          | 10M        | 入光                |                         | 100      |     |     |
|  | BX15M-TDT        | 透过型            | 15M,1ms    | 1                 | DC12-24V                | NPN      | 352 |     |
|  | BX15M-TDT-T内建定时  |                |            | 2                 |                         |          | 417 |     |
|  | BX15M-TDT-P      |                |            | 1                 |                         | PNP      | 352 |     |
|  | BX15M-TDT-TP     |                |            | 2                 |                         |          | 417 |     |
|  | BX15M-TFR        | 透过型            | 15M,20ms   | 1                 | AC24-240V/<br>DC24-240V | 继电器      | 273 |     |
|  | BX15M-TFR-T内建定时  |                |            | 2                 |                         |          | 469 |     |
|  | BX5M-MDT         | 镜面反射<br>标准型    | 5M,1ms     | 1                 | DC12-24V                | NPN      | 326 |     |
|  | BX5M-MDT-T内建定时   |                |            | 2                 |                         |          | 326 |     |
|  | BX5M-MDT-P       |                |            | 1                 |                         | PNP      | 326 |     |
|  | BX5M-MDT-TP      |                |            | 2                 |                         |          | 326 |     |
|  | BX5M-MFR         |                | 5M,20ms    | 1                 | AC24-240V/<br>DC24-240V | 继电器      | 242 |     |
|  | BX5M-MFR-T内建定时   |                |            | 2                 |                         |          | 417 |     |
|  | BX3M-PDT         | 镜面反射<br>偏光片内藏型 | 3M,1ms     | 1                 | DC12-24V                | NPN      | 359 |     |
|  | BX3M-PDT-T       |                |            | 2                 |                         |          | 391 |     |
|  | BX3M-PDT-P       |                |            | 1                 |                         | PNP      | 359 |     |
|  | BX3M-PDT-TP内建定时  |                |            | 2                 |                         |          | 391 |     |
|  | BX3M-PFR         |                | 3M,20ms    | 1                 | AC24-240V/<br>DC24-240V | 继电器      | 242 |     |
|  | BX3M-PFR-T内建定时   |                |            | 2                 |                         |          | 469 |     |
|  | BX700-DFR        | 漫反射型           | 700mm,20ms | 1                 | AC24-240V/<br>DC24-240V | 继电器      | 242 |     |
|  | BX700-DFR-T内建定时  |                |            | 2                 |                         |          | 417 |     |
|  | BX700-DDT        |                | 700mm,1ms  | 1                 | DC12-24V                | NPN      | 326 |     |
|  | BX700-DDT-T内建定时  |                |            | 2                 |                         |          | 391 |     |
|  | BX700-DDT-P      |                |            | 1                 |                         | PNP      | 326 |     |
|  | BX700-DDT-TP内建定时 |                |            | 2                 |                         |          | 391 |     |
|  | BR20M-TDTD       | 透过型电源          | 4M,3ms     | 4                 | DC12-24V                | 暗通/NPN   | 287 |     |
|  | BR20M-TDTL       |                |            | 3                 |                         | 亮通/NPN   |     |     |
|  | BR20M-TDTD-P     |                |            | 4                 |                         | 暗通/PNP   |     |     |
|  | BR20M-TDTL-P     |                |            | 3                 |                         | 亮通/PNP   |     |     |
|  | BR100-DDT        | 漫反射型电源         | 100mm,1ms  | 5                 | DC12-24V                | NPN      | 219 |     |
|  | BR100-DDT-P      |                |            | 5                 |                         | PNP      |     |     |
|  | BRP100-DDT       |                |            | 5                 |                         | NPN      |     |     |
|  | BRP100-DDT-P     |                |            | 5                 |                         | PNP      |     |     |
|  | BR400-DDT        |                |            |                   | DC12-24V                |          | 287 |     |
|  | BR400-DDT-P      |                |            |                   |                         |          |     |     |
|  | BRP400-DDT       |                |            |                   |                         |          |     |     |
|  | BRP400-DDT-P     |                |            |                   |                         |          |     |     |
|  | BUD-30           | 透过型电源          | 30mm,1ms   | 5                 | DC12-24V                | NPN      | 274 |     |
|  | BUD-30S          |                |            |                   |                         |          |     | 300 |
|  | BUD-50           |                | 50mm,1ms   |                   |                         |          |     | 287 |
|  | BUD-50S          |                |            |                   |                         |          |     | 313 |
|  | BUD-30-H         | 透过型            | 30MM       | 4                 | DC18-35V                | NPN      | 300 |     |
|  | BUD-50-H         |                | 50MM       |                   |                         |          | 313 |     |
|  | BS5-L2M          | 透过型            | 5MM        | 入光<br>ON/遮光<br>ON | DC5-24V                 | NPN集电极开路 | 56  |     |
|  | BS5-K2M          |                |            |                   |                         |          |     |     |
|  | BS5-T2M          |                |            |                   |                         |          |     |     |
|  | CT-01            |                |            |                   |                         | BS5专用插头  | 7   |     |
|  | MS-1,MS-2,MS-3   |                |            |                   |                         | 镜片       | 28  |     |

BX型,BR型说明:1.入光ON/,遮光ON选择;2.TIMER Built-in 入光ON/,遮光ON;3.入光ON;4.遮光ON;5.入光ON 遮光

### (五) 光纤放大器

| 外型 | 型号      | 功能 | 电源 | 输出 | 市场价 |
|----|---------|----|----|----|-----|
|    | BF3RX-P |    |    |    | 100 |

|        |                            |          |     |     |
|--------|----------------------------|----------|-----|-----|
| BF3RX  | 透过/漫反射型双按钮自动设定型,NPN,响应1ms  | DC12-24V | NPN | 196 |
| BF4R   | 透过/漫反射标准型,NPN,响应0.7ms      |          | NPN | 280 |
| BF4RP  | 透过/漫反射标准型,PNP,响应0.7ms      |          | PNP |     |
| BF4R-E | 透过/漫反射外部同步输入型,NPN,响应0.7ms  |          | NPN |     |
| BF4R-R | 透过/漫反射遥控灵敏度设定型,NPN,响应0.7ms |          | NPN |     |

### (六) 自动门传感器(ADS型)

| 外型 | 型号        | 探测方式           | 安装高度     | 电源           | 输出        | 市场价 |
|----|-----------|----------------|----------|--------------|-----------|-----|
|    | ADS-AF    | 漫反射型(红外)       | 2.0~2.7M | 24-240VAC/DC | 继电器控制输出IC | 652 |
|    | ADS-AE    |                |          | 12-24VAC/DC  |           |     |
|    | ADS-SDT-A |                |          |              |           |     |
|    | ADS-SB10  |                | SCREW    |              |           |     |
|    | ADS-SB12  |                | ONERUSH  |              |           |     |
|    | ADS-SE    | 对射型            | 0-10M    | 12-24VAC/DC  | 继电器控制输出IC | 457 |
|    | ADS-SEC   | 选件:门侧面传感器具 放大器 |          |              |           | 327 |
|    | ADS-SH    | 选件:门侧面传感器具 电缆  |          |              |           | 144 |

### (七) 区域传感器(BW型)

|  | 型号                  | 光轴个数 | 检测高度  | 距离及响应   | 运行模式            | 市场价   |      |
|--|---------------------|------|-------|---|-----------------|---|------|
|  | BW20-08,08P         | 8    | 140mm | 20mm光轴间距;对射式;0.1~7M检测距离;检测 $\phi$ 30mm以上非透明体;3M以上检测距离角度指向在 $\pm 5^\circ$ 以内;电源:12~24VDC;输出:NPN或PNP;响应时间:<12ms | 亮光动作            | 2397  |      |
|  | BW20-12,12P         | 12   | 220mm |   |                 | 3296  |      |
|  | BW20-16,16P         | 16   | 300mm |   |                 | 3957  |      |
|  | BW20-20,20P         | 20   | 380mm |   |                 | 4777  |      |
|  | BW20-24,24P         | 24   | 460mm |   |                 | 5652  |      |
|  | BW20-28,28P         | 28   | 540mm |   |                 | 6437  |      |
|  | BW20-32,32P         | 32   | 620mm | 20mm光轴间距;对射式;0.1~7M检测距离;检测 $\phi$ 30mm以上非透明体;3M以上检测距离角度指向在 $\pm 5^\circ$ 以内;电源:12~24VDC;输出:NPN或PNP;响应时间:<12ms | 亮光动作            | 7352  |      |
|  | BW20-36,36P         | 36   | 700mm |   |                 | 7840  |      |
|  | BW20-40,40P         | 40   | 780mm |   |                 | 8650  |      |
|  | BW20-44,44P         | 44   | 860mm |   |                 | 8924  |      |
|  | BW20-48,48P         | 48   | 940mm |   |                 | 9674  |      |
|  | BW40-04,04P         | 4    | 120mm |   |                 | 40mm光轴间距;对射式;0.1~7M检测距离;检测 $\phi$ 50mm以上非透明体;3M以上检测距离角度指向在 $\pm 5^\circ$ 以内;电源:12~24VDC;输出:NPN或PNP;响应时间:<12ms | 2087 |
|  | BW40-06,06P         | 6    | 200mm |   |                 |   | 2691 |
|  | BW40-08,08P         | 8    | 280mm |   |                 |   | 3238 |
|  | BW40-10,10P         | 10   | 360mm |   |                 |   | 3821 |
|  | BW40-12,12P         | 12   | 440mm |   |                 |   | 4329 |
|  | BW40-14,14P         | 14   | 520mm |   |                 |   | 4836 |
|  | BW40-16,16P         | 16   | 600mm |   |                 |   | 5364 |
|  | BW40-18,18P         | 18   | 680mm |   |                 |   | 6103 |
|  | BW40-20,20P         | 20   | 760mm |   |                 |   | 6613 |
|  | BW40-22,22P         | 22   | 840mm | 7139  |                 |   |      |
|  | BW40-24,24P         | 24   | 920mm | 7641  |                 |   |      |
|  | BWP20-08            |      | 140mm | 电源:DC12-24V<br>控制输出:NPN集电极开路输出<br>PNP集电极开路输出  | 入光ON/遮光ON<br>选择 | 1767  |      |
|  | BWP20-08P           |      |       |   |                 |   |      |
|  | BWP20-12            |      | 220mm |   |                 | 2071  |      |
|  | BWP20-12P           |      |       |   |                 |   |      |
|  | BWP20-16            |      | 300mm |   |                 | 2394  |      |
|  | BWP20-16P           |      |       |   |                 |   |      |
|  | BWP20-20            |      | 380mm | 2717  |                 |   |      |
|  | BWP20-20P           |      |       |   |                 |   |      |
|  | BEL10M-TFRD         |      |       |   |                 | 194   |      |
|  | BEL10M-TFRL         |      |       |   |                 |   |      |
|  | CID2-2(P),CID3-2(P) |      |       |   |                 | 28.4  |      |
|  | CLD2-2(P),CLD3-2(P) |      |       |   |                 | 28.4  |      |

|                     |     |                       |  |      |
|---------------------|-----|-----------------------|--|------|
| CID2-5(P),CID3-5(P) |     |                       |  | 45.3 |
| CLD2-5(P),CLD3-5(P) |     |                       |  | 45.3 |
| CID4-3(Black,Gray)  | 3M  | 光轴电缆(连接头颜色:发射器黑,接收器灰) |  | 65   |
| CID4-5(Black,Gray)  | 5M  | 光轴电缆(连接头颜色:发射器黑,接收器灰) |  | 86   |
| CID4-7(Black,Gray)  | 7M  | 光轴电缆(连接头颜色:发射器黑,接收器灰) |  | 107  |
| CID4-10(Black,Gray) | 10M | 光轴电缆(连接头颜色:发射器黑,接收器灰) |  | 138  |

### (八) 光纤

|              | 型号          | 线长        | 探测距离  | 最小探测物 | 可弯曲半径  | 环境                             | 市场价  |           |                                |
|--------------|-------------|-----------|-------|-------|--------|--------------------------------|------|-----------|--------------------------------|
| 光纤<br>(漫反射型) | FD-320-05   | 2M        | 40mm  | Φ0.03 | 30R    | -40~+70℃<br>(湿度:<br>35~85% RH) | 156  |           |                                |
|              | FD-420-05   | 2M        | 40mm  | Φ0.03 | 15R    |                                |      |           |                                |
|              | FD-620-10   | 2M        | 120mm | Φ0.03 | 30R    |                                |      |           |                                |
|              | FDC-320-05  | 2M        | 40mm  | Φ0.03 | 15R    |                                |      |           |                                |
|              | FDCS-320-05 | 2M        | 40mm  | Φ0.03 | 15R    |                                |      |           |                                |
|              | FDP-320-10  | 2M        | 120mm | Φ0.03 | 30R    |                                |      |           |                                |
|              | FDS-320-05  | 2M        | 40mm  | Φ0.03 | 30R    |                                |      |           |                                |
|              | FDS2-320-05 | 2M        | 40mm  | Φ0.03 | 30R    |                                |      |           |                                |
|              | FDS2-420-05 | 2M        | 40mm  | Φ0.03 | 15R    |                                |      |           |                                |
|              | FDS-620-10  | 2M        | 120mm | Φ0.03 | 30R    |                                |      |           |                                |
|              | FDS2-620-10 | 2M        | 120mm | Φ0.03 | 30R    |                                |      |           |                                |
|              | FD-320-F    | 2M        | 60mm  | Φ0.03 | 15R    |                                |      |           |                                |
|              | FD-320-F1   | 2M        | 40mm  | Φ0.03 | 15R    |                                |      |           |                                |
|              | FD-620-F2   | 2M        | 120mm | Φ0.03 | 30R    |                                |      |           |                                |
|              | FD-620-10H  | 2M        | 120mm | Φ0.03 | 30R    |                                |      | -40~+125℃ | 359                            |
|              | FD-620-15H1 | 2M        | 160mm | Φ0.03 | 50R    |                                |      | -40~+150℃ | 896                            |
|              | 光纤<br>(对射型) | FT-320-05 | 2M    | 150mm | Φ0.5   |                                |      | 30R       | -40~+70℃<br>(湿度:<br>35~85% RH) |
| FT-420-10    |             | 2M        | 500mm | Φ1    | 30R    | 149                            |      |           |                                |
| FTC-220-05   |             | 2M        | 150mm | Φ0.5  | 15R    | 216                            |      |           |                                |
| FTC-320-10   |             | 2M        | 500mm | Φ1    | 30R    |                                |      |           |                                |
| FTCS-220-05  |             | 2M        | 150mm | Φ1    | 15R    | 259                            |      |           |                                |
| FTP-320-10   |             | 2M        | 500mm | Φ1    | 30R    | 129                            |      |           |                                |
| FTR-420-10   |             | 2M        | 500mm | Φ1    | 15R    | 235                            |      |           |                                |
| FTS-320-05   |             | 2M        | 150mm | Φ0.5  | 30R    | 287                            |      |           |                                |
| FTS2-320-05  |             | 2M        | 150mm | Φ0.5  | 30R    | 287                            |      |           |                                |
| FTS-420-10   |             | 2M        | 500mm | Φ1    | 30R    | 287                            |      |           |                                |
| FTS2-420-10  |             | 2M        | 500mm | Φ1    | 30R    | 287                            |      |           |                                |
| FTS1-320-05  |             | 2M        | 150mm | Φ0.5  | 15R    | 316                            |      |           |                                |
| FT-420-10H   |             | 2M        | 300mm | Φ1    | 30R    | -40~+125℃                      | 359  |           |                                |
| FT-420-10H1  |             | 2M        | 500mm | Φ1    | 30R    | -40~+150℃                      | 1004 |           |                                |
| GT-420-14H2  |             | 2M        | 500mm | Φ1    | 50R    | -40~+250℃                      | 1865 |           |                                |
| 光纤保护管        | FTH-305     | 0.5M      | 3MM   |       | 冲击切断保护 | 302                            |      |           |                                |
|              | FTH-405     |           | 4MM   |       |        |                                |      |           |                                |
|              | FDH-605     |           | 7MM   |       |        |                                |      |           |                                |
|              | FTH-310     | 1M        | 3MM   |       |        |                                | 315  |           |                                |
|              | FTH-410     |           | 4MM   |       |        |                                |      |           |                                |
|              | FDH-610     |           | 7MM   |       |        |                                | 190  |           |                                |

### (九) 旋转编码器

| 外型 | 型号                                   | 每转脉冲数           | 电源电压                           | 市场价 |
|----|--------------------------------------|-----------------|--------------------------------|-----|
|    | E30S4-脉冲-X-X-(5,24) 轴径: 4mm (外径30MM) | 100P/R-500P/R   | 5: DC5V±5%;<br>24: DC12-24V±5% | 500 |
|    |                                      | 1000P/R-1024P/R |                                | 603 |
|    |                                      | 3000P/R         |                                | 821 |
|    | E30S4-脉冲-X-L-5                       | 100P/R-500P/R   |                                | 501 |

|   |                                    |                              |                                |                                |     |
|---|------------------------------------|------------------------------|--------------------------------|--------------------------------|-----|
|   | 轴径: 4mm<br>(外径30MM)                | 1000P/R-1024P/R              | DC5V±5%                        | 603                            |     |
|   |                                    | 3000P/R                      |                                | 883                            |     |
|   | E40S6-脉冲-X-X-(5, 24) 轴径: 6mm       | 1P/R-300P/R                  | 5: DC5V±5%;<br>24: DC12-24V±5% | 548                            |     |
|   |                                    | 360P/R-1800P/R               |                                | 652                            |     |
|   |                                    | 2000P/R-3600P/R              |                                | 718                            |     |
|   |                                    | 5000P/R                      |                                | 924                            |     |
|   | E40S6-XXX-6-L-5                    | 1P/R-300P/R                  | DC5V±5%                        | 652                            |     |
|   |                                    | 360P/R-1024P/R               |                                | 718                            |     |
|   |                                    | 1200P/R-3600P/R              |                                | 782                            |     |
|   |                                    | 5000P/R                      |                                | 985                            |     |
|   | E40S8-脉冲-X-X-(5, 24) 轴径: 8mm       | 1P/R-300P/R                  | 5: DC5V±5%;<br>24: DC12-24V±5% | 614                            |     |
|   |                                    | 360P/R-1024P/R               |                                | 718                            |     |
|   |                                    | 1200P/R-3600P/R              |                                | 770                            |     |
|   |                                    | 5000P/R                      |                                | 1038                           |     |
|   | E40S8-脉冲-8-L-5                     | 1P/R-300P/R                  | DC5V±5%                        | 718                            |     |
|   |                                    | 360P/R-1024P/R               |                                | 782                            |     |
|   |                                    | 1200P/R-3600P/R              |                                | 849                            |     |
|   |                                    | 5000P/R                      |                                | 1099                           |     |
|   | E40HD<br>型<br>(外径<br>φ40mm<br>嵌入型) | E40H8-脉冲-X-X-(5, 24) 孔径: 8mm | 1P/R-300P/R                    | 5: DC5V±5%;<br>24: DC12-24V±5% | 652 |
|   |                                    |                              | 360P/R-1800P/R                 |                                | 704 |
| 2000P/R-3600P/R                               |                                    |                              | 730                            |                                |     |
| 5000P/R                                       |                                    |                              | 1026                           |                                |     |
| E40HX-脉冲-X-X -<br>(5, 24)<br>孔径: 6, 10, 12mm  |                                    | 1P/R-300P/R                  | 5: DC5V±5%;<br>24: DC12-24V±5% | 704                            |     |
|   |                                    | 360P/R-1800P/R               |                                | 730                            |     |
|   |                                    | 2000P/R-3600P/R              |                                | 756                            |     |
|   |                                    | 5000P/R                      |                                | 1102                           |     |
| E40H8-脉冲-6-L-5<br>孔径: 8mm                     |                                    | 1P/R-300P/R                  | DC5V±5%                        | 730                            |     |
|   |                                    | 360P/R-1800P/R               |                                | 756                            |     |
|   |                                    | 2000P/R-3600P/R              |                                | 782                            |     |
|   |                                    | 5000P/R                      |                                | 1088                           |     |
| E40HXX-脉冲-6-L-5<br>孔径: 6, 10, 12mm            |                                    | 1P/R-300P/R                  | DC5V±5%                        | 756                            |     |
|   |                                    | 360P/R-1800P/R               |                                | 782                            |     |
|   |                                    | 2000P/R-3600P/R              |                                | 809                            |     |
|   |                                    | 5000P/R                      |                                | 1164                           |     |
| E40HB8-脉冲-X-X-<br>(5, 24)                     |                                    | 1P/R-300P/R                  | 5: DC5V±5%;<br>24: DC12-24V±5% | 652                            |     |
|   |                                    | 360P/R-1800P/R               |                                | 704                            |     |
|   |                                    | 2000P/R-3600P/R              |                                | 730                            |     |
|   |                                    | 5000P/R                      |                                | 1026                           |     |
| E40HB8-脉冲-X-L-5                               |                                    | 1P/R-300P/R                  | DC5V±5%                        | 730                            |     |
|   |                                    | 360P/R-1800P/R               |                                | 756                            |     |
|   |                                    | 2000P/R-3600P/R              |                                | 782                            |     |
|   |                                    | 5000P/R                      |                                | 1088                           |     |
| E40HBX-脉冲-X-X-<br>(5, 24)<br>HOLE: φ6.10.12mm |                                    | 1P/R-300P/R                  | 5: DC5V±5%;<br>24: DC12-24V±5% | 704                            |     |
|   |                                    | 360P/R-1800P/R               |                                | 730                            |     |
|   |                                    | 2000P/R-3600P/R              |                                | 756                            |     |
|   |                                    | 5000P/R                      |                                | 1102                           |     |
| E40HBX-脉冲-X-L-5<br>HOLE: φ6.10.12mm           | 1P/R-300P/R                        | DC5V±5%                      | 756                            |                                |     |
|   | 360P/R-1800P/R                     |                              | 782                            |                                |     |
|   | 2000P/R-3600P/R                    |                              | 809                            |                                |     |
|   | 5000P/R                            |                              | 1164                           |                                |     |
|   |                                    | 1P/R-600P/R                  |                                | 600                            |     |

|                        |                                       |   |                                |  |                            |          |
|------------------------|---------------------------------------|---|--------------------------------|--|----------------------------|----------|
|                        | E50S8-脉冲-X-X-(5, 24)                  | 800P/R-3600P/R                                |                                | 5: DC5V±5%;<br>24: DC12-24V±5%                               | 730                        |          |
|                        |                                       | 5000P/R                                       |                                |  | 985                        |          |
|                        |                                       | 6000P/R                                       |                                |  | 1108                       |          |
|                        |                                       | 8000P/R                                       |                                |  | 1273                       |          |
|                        | E50S8-脉冲-X-L-5                        | 1P/R-600P/R                                   |                                | DC5V±5%  | 730                        |          |
|                        |                                       | 800P/R-3600P/R                                |                                |  | 848                        |          |
|                        |                                       | 5000P/R                                       |                                |  | 1047                       |          |
|                        |                                       | 6000P/R                                       |                                |  | 1170                       |          |
|                        | E80H30,32-脉冲-3-X-(5, 24)              | 60P/R-512P/R                                  |                                | 5: DC5V±5%;<br>24: DC12-24V±5%                               | 1174                       |          |
|                        |                                       | 1024P/R                                       |                                |  | 1565                       |          |
|                        | E80H30,32-脉冲-6-L-5                    | 60P/R-512P/R                                  |                                | DC5V±5%;   | 1174                       |          |
|                        |                                       | 1024P/R                                       |                                |  | 1565                       |          |
| E100H35-脉冲-3-X-(5, 24) | 60P/R-1024P/R                         |   | 5: DC5V±5%;24: DC12-24V        | 1565   |                            |          |
|                        | 10000P/R                              |   |                                | 2094   |                            |          |
| 外型                     | E100H35-脉冲6-L-5                       | 60P/R-1024P/R                                 |                                | DC5V±5%  | 1565                       |          |
|                        |                                       | 10000P/R                                      |                                |  | 2155                       |          |
|                        | E68S15-1024-6-L-5                     | 1024P/R                                       |                                | DC5V±5%  | 1304                       |          |
|                        | EP50S8-脉冲-X-X-(5, 24)                 | 分辨率: 45, 64, 9, 128, 180, 256, 360, 512, 720, |                                | 5: DC5V±5%;24: DC12-24V                                      | 963                        |          |
|                        | COUPLING联轴器                           | 4,6,8,10 mm                                   |                                |  | 130                        |          |
| 外型                     | 型 号                                   | 相 位   | 最小测量单位                         | 周 长  | 电 源                        | 市场价      |
|                        | ENC-1-X-X-5                           | 1: A, B                                       | 1mm~1yd                        | 250mm~0.25yd   | DC5V±5%                    | 691      |
|                        | ENC-1-X-X-24                          | 1: A, B                                       | 1mm~1yd                        | 250mm~0.25yd   | DC12-24V±5%                | 691      |
|                        | ENA-脉冲-X-X-(5, 24)                    | 1P/R-800P/R                                   |                                | 5: DC5V±5%;<br>24: DC12-24V±5%                               | 600                        |          |
|                        |                                       | 1000P/R-3600P/R                               |                                |  | 730                        |          |
|                        |                                       | 5000P/R                                       |                                |  |                            |          |
|                        | ENH-脉冲-X-X-5                          | 25,100  |                                | 5: DC5V±5%;<br>24: DC12-24V±5%                               | 821                        |          |
|                        | ENH-脉冲-X-X-24                         |   |                                |  |                            |          |
|                        | ENH-脉冲-X-L-5                          |   |                                |  |                            | DC5V±5%; |
| ENH-100-1-1            |                                       |   | 5: DC5V±5%;<br>24: DC12-24V±5% | 821  |                            |          |
| ENH-100-1-L            |                                       |   |                                | DC5V±5%;   | 821                        |          |
| 外型                     | 型 号                                   | 输 出   | 电 源                            | 分 辨 率  | 控 制 输 出                    | 市场价      |
|                        | ENP-1XX-006,008,012,016,024, 360-1, 2 | 0: 负逻辑<br>1: 正逻辑                              | 0: 5-12VDC<br>1: 12-24VDC      | 006: 6类型<br>008: 8类型<br>012: 12类型<br>024: 24类型<br>360: 360类型 | 1: PNP集电极开路<br>2: NPN集电极开路 | 1565     |