



TLD-PC 双触点压力控制器



概述

控制器采用波纹管式的传感器，可用于中性气体、液体介质。控制器的设定值可调，调节范围 0.1~2.5MPa。

主要技术性能

|        |                                               |
|--------|-----------------------------------------------|
| 工作粘度   | $<1 \times 10^{-3} \text{ m}^2/\text{s}$      |
| 开关元件   | 微动开关                                          |
| 外壳防护等级 | IP54                                          |
| 环境温度   | $-40^{\circ}\text{C} \sim 50^{\circ}\text{C}$ |
| 介质温度   | $0 \sim 120^{\circ}\text{C}$                  |
| 安装位置   | 压力接口垂直向下（允许倾斜 $15^{\circ}$ ）                  |
| 抗振性能   | $\text{Max } 20\text{m/s}^2$                  |
| 重复性误差  | $\leq 1\%$                                    |
| 同步性误差  | $\leq 0.5\%$ (指下切换值的同步误差①)                    |
| 触点容量   | AC 220V 6A（阻性）600VA                           |

特点

可用于空气、气体、水、水蒸汽、制冷剂、油等介质。



规格

TLD-PC 切换差不可调

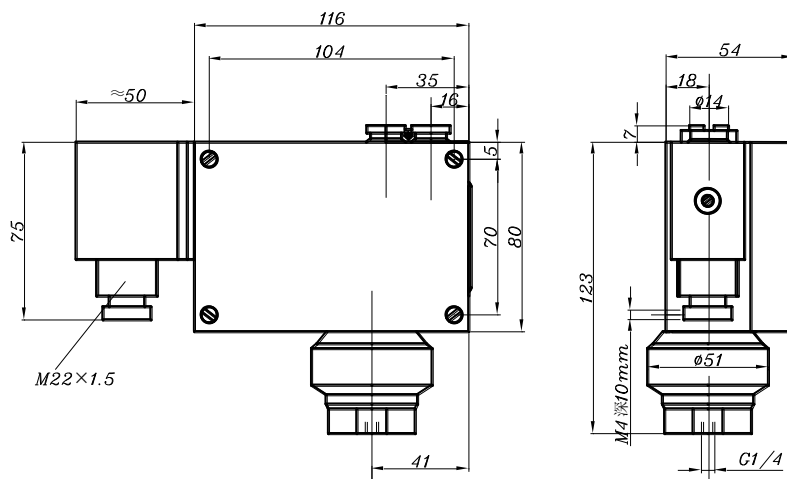
| 设定值<br>调节<br>范围<br>MPa | 切换差<br>不大于<br>MPa | 最大允<br>许压力<br>②<br>MPa | 开关切<br>换次数<br>次/分 | 压力传感器材料 |                                    | 接 口<br>内螺纹 | 重量<br>kg | 外形尺寸图号 | 订货目录编号  |         |
|------------------------|-------------------|------------------------|-------------------|---------|------------------------------------|------------|----------|--------|---------|---------|
|                        |                   |                        |                   | 外壳      | 波纹管                                |            |          |        |         |         |
| —0.1~0                 | 0.011             | 1                      | 20                | 黄铜      | 不锈钢<br>00Cr17Ni<br>14Mo2<br>(316L) | G1/4"      | 1.4      | 01     | 0910108 |         |
| —0.1~0.1               | 0.012             |                        |                   |         |                                    |            |          |        | 0910208 |         |
| —0.1~0.16              | 0.015             |                        |                   |         |                                    |            |          |        | 0910308 |         |
| —0.1~0.25              | 0.018             |                        |                   |         |                                    |            |          |        | 0910408 |         |
| 0~0.1                  | 0.012             |                        |                   |         |                                    |            |          |        | 0911108 |         |
| 0~0.16                 | 0.015             |                        |                   |         |                                    |            |          |        | 0911208 |         |
| 0.01~0.25              | 0.015             |                        |                   |         |                                    |            |          |        | 0911308 |         |
| 0.02~0.4               | 0.045             | 2                      |                   |         |                                    |            | 1.25     | 02     | 0911408 |         |
| 0.03~0.6               | 0.054             |                        |                   |         |                                    |            |          |        | 0911508 |         |
| 0.03~1                 | 0.06              |                        |                   |         |                                    |            |          |        | 0911608 |         |
| 0.05~1.6               | 0.12              | 5                      |                   |         |                                    |            |          | 1.3    | 03      | 0911708 |
| 0.05~2.5               | 0.15              |                        |                   |         |                                    |            |          |        |         | 0911808 |

注：①要求上切换值同步，应在订货中注明。  
②在实际工作中，即使短暂的压力峰值也不能超过此值。

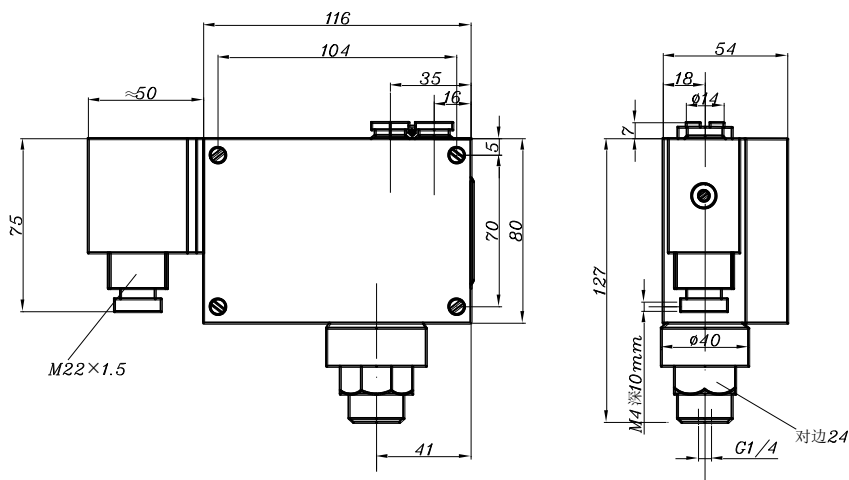
控制器的选用和安装说明 (详见控制器的选用和安装)  
设定值的调整 (详见压力控制器设定值的调整例一、例二)



01



02



网址 : [www.cz-tianli.com](http://www.cz-tianli.com)



Technical drawing of a mechanical part, showing front and side views with dimensions.

**Front View (Left):**

- Overall width: 116
- Distance from left edge to center of mounting hole: 104
- Distance from center of mounting hole to right edge: 6
- Distance from left edge to center of mounting hole (approximate):  $\approx 50$
- Height of mounting flange: 75
- Mounting hole:  $M22 \times 1.5$
- Distance from center of mounting hole to center of base: 35
- Distance from center of mounting hole to center of base (approximate): 16
- Height of base: 70
- Overall height: 80
- Base width: 41
- Base shape: 对边41 (Opposite sides 41)

**Side View (Right):**

- Overall width: 54
- Distance from left edge to center of mounting hole: 18
- Distance from center of mounting hole to right edge: 7
- Height of mounting flange: 7
- Mounting hole:  $\phi 14$
- Distance from center of mounting hole to center of base: 10
- Height of base: 122
- Base width:  $M4$  深10mm (M4, 10mm deep)
- Base shape:  $G1/4$

可供选用附件目录编号：0574767，0574772，0574773。

The diagram shows a 6-core cable with the following color-coded conductors and their connections:

- 黑 (Black):** Connected to the top terminal of the terminal block.
- 红 (Red):** Labeled '1', connected to the top terminal of the terminal block.
- 灰 (Grey):** Labeled '2', connected to the top terminal of the terminal block.
- 黄 (Yellow):** Labeled '3', connected to the top terminal of the terminal block.
- 绿 (Green):** Labeled '4', connected to the top terminal of the terminal block.
- 咖啡 (Coffee):** Labeled '5', connected to the top terminal of the terminal block.
- 蓝 (Blue):** Labeled '6', connected to the top terminal of the terminal block.

The terminal block is a rectangular box with two rows of terminals. The top row has six terminals, and the bottom row has two terminals. The conductors are connected as follows:

- Black, Red, Grey, Yellow, and Green are connected to the top row of terminals.
- Coffee and Blue are connected to the bottom row of terminals.

接线端 1-3,4-6 压力上升至上切换值接通。