

# 高压压力比例阀 High Pressure Proportional Valve

## KPR-200(0~100 bar)



KPR-200系列可控制流量最大可达300L/min，调压范围0-100bar。应用非常的广泛。

KPR200 serves flow control up to 300 l/min. The large control range from 0 to 100 bar overpressure of this regulator facilitates a broad spectrum of applications.



电压 Voltage : 24 VDC  $\pm 10\%$

控制讯号 Control Signal : 0-10V ,4-20mA

消耗功率 Power Consumption : max. 12.5 W

连接方式 Connection : 电缆线连接 Cable gland or connector

供给压力 Pressure Supply : 最大 105bar max. 105 bar

压力范围 Control Range : 0 to 100 bar

介质 Medium : 压缩空气、惰性气体;需经过 40um 过滤

Compressed air, neutral gases, filtered 40  $\mu\text{m}$ ,

流量 Flow : 300 l/min at 6 bar, inlet pressure 10 bar

连接牙口 Connection Thread : G 1/8"

防护等级 Ingress Protection : IP 67

工作温度 Operating Temperature Range : -5 to +70  $^{\circ}\text{C}$

迟滞现象 Hysteresis : < 0.2% F.S.

重复精度 Repeatability : < 0.2% F.S

重量 Weight : 0.8 kg

### 订购型号 Ordering Code

KPR200 / 0-70 / 1 / C / 1

#### Control Range

Pressure range

0 to 100 bar

#### Set Value Input

(Control Signal)

1: 0-10 V

2: 4-20 mA

#### Fail Safe

(In Case Of Power Failure)

1: Pressure maintenance

#### Version

C: Index of version

### 接线说明 Wiring Description

|   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|
| 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |
|---|---|---|---|---|---|---|---|---|

|   |                                                                          |
|---|--------------------------------------------------------------------------|
| 1 | 电源 24V DC Power (+)                                                      |
| 2 | 电源 24V DC Power (-)                                                      |
| 5 | 控制讯号(-) Signal Input : 0-10V or 4-20mA (-)<br>监控讯号(-) Monitor output (-) |
| 6 | 控制讯号(+) Signal Input : 0-10V or 4-20mA (+)                               |
| 7 | 监控讯号(+) Monitor output (+)                                               |



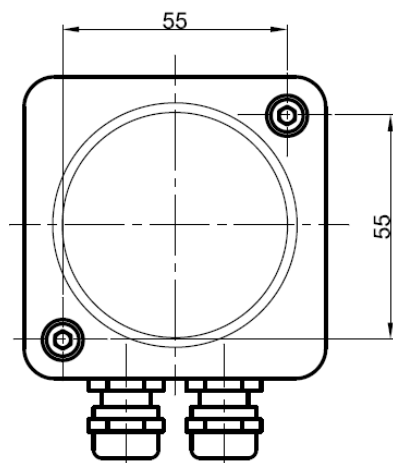
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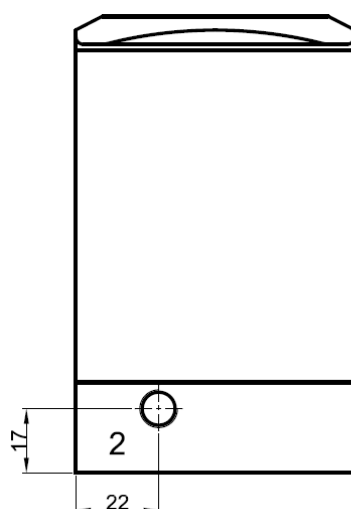
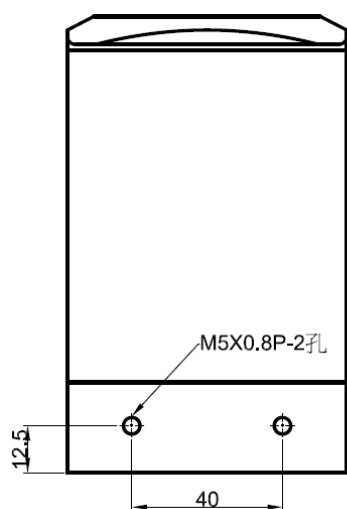
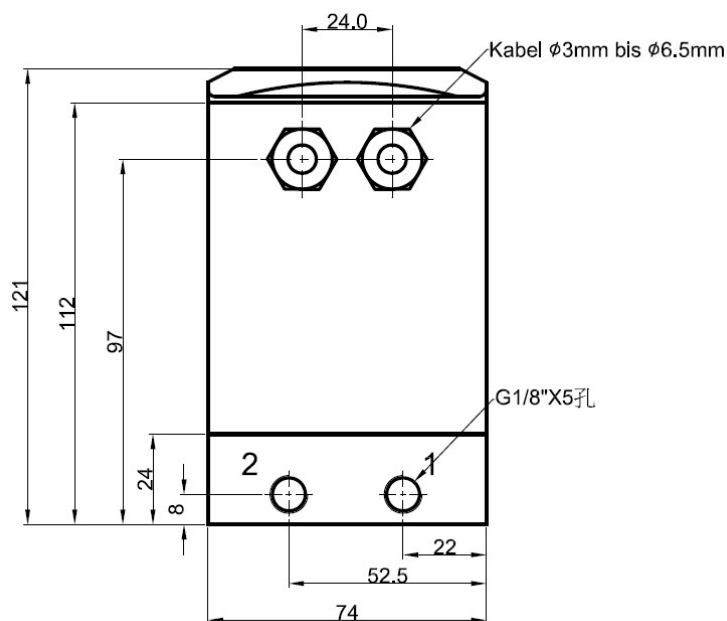
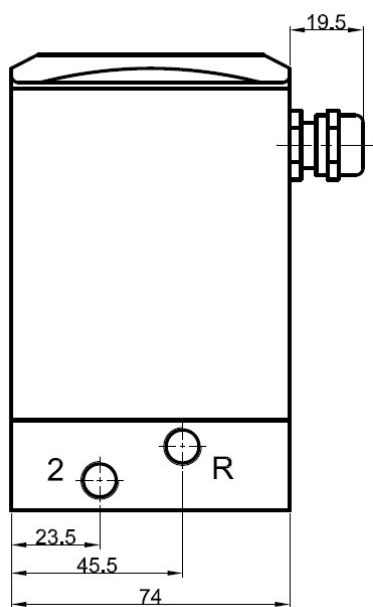
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## 外观尺寸 Dimensions



- 1: 入气口 AIR IN
- 2: 出气口 AIR OUT
- 3: 排气 EXHAUST



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