

High Pressure Proportional Valve

KPR-200(0~100 bar)



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.



Voltage : 24 VDC $\pm 10\%$

Control Signal : 0-10V ,4-20mA

Power Consumption : max. 12.5 W

Connection : Cable gland or connector

Pressure Supply : 105bar max. 105 bar

Control Range : 0 to 100 bar

Medium : Compressed air, neutral gases, filtered 40 μm ,

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

Connection Thread : G 1/8"

Ingress Protection : IP 67

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

Hysteresis : < 0.2% F.S.

Repeatability : < 0.2% F.S

Weight : 0.8 kg

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

Wiring Description

9	8	7	6	5	4	3	2	1	

1	24V DC Power (+)
2	24V DC Power (-)
5	Signal Input : 0-10V or 4-20mA (-) Monitor output (-)
6	Signal Input : 0-10V or 4-20mA (+)
7	Monitor output (+)



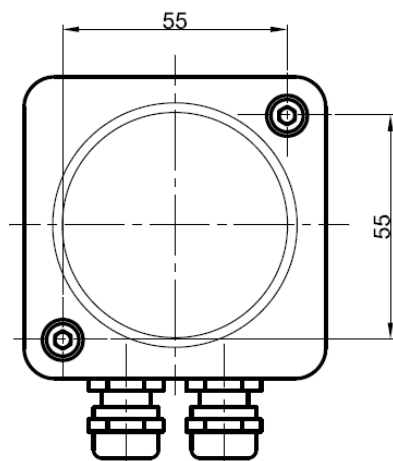
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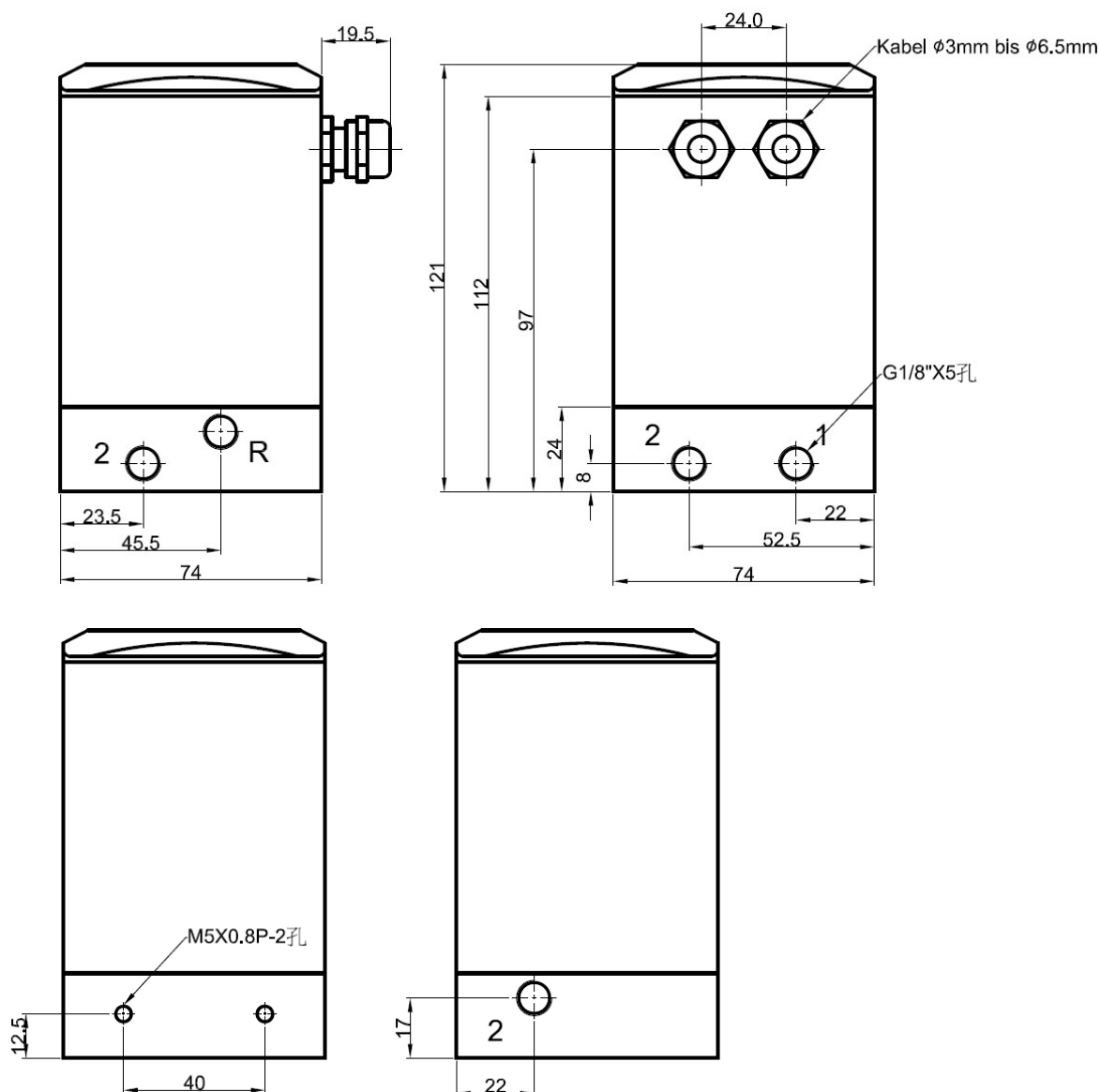
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Dimensions



- 1: AIR IN
- 2: AIR OUT
- 3: EXHAUST



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