

# Type RP200



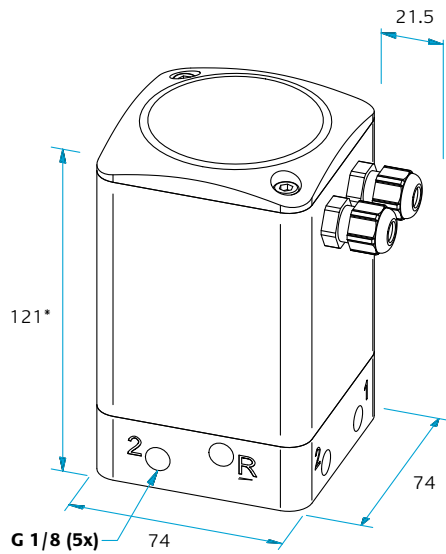
## Proportional pressure regulator 1/8" connection

RP200 serves flow control up to 300 l/min. The large control range from vacuum to 70 bar overpressure of this regulator facilitates a broad spectrum of applications.

### Technical data

<b>Voltage</b>	24 VDC ±10%
<b>Power consumption, electrical</b>	max. 24.5 W
<b>Connection, electrical</b>	Cable gland or connector
<b>Pressure supply</b>	max. 80 bar, dependent of control range
<b>Control range</b>	Selectable from -1 to 70 bar
<b>Medium</b>	Compressed air, neutral gases, filtered 40 µm, no condensate
<b>Air consumption</b>	No permanent air consumption
<b>Flow</b>	300 l/min at an outlet pressure of 6 bar*
<b>Connection thread</b>	G 1/8"
<b>Ingress protection</b>	IP 67
<b>Operating temperature range</b>	-5 to +70 °C
<b>Hysteresis</b>	< 0.2% of the corresponding range
<b>Repeatability</b>	< 0.2% of the corresponding range
<b>Weight</b>	0.8 kg

\* True for a RP200 with a pressure range of 0–10 bar, pressure supply 10 bar.  
More details see at [www.ribapneumatic.de/en](http://www.ribapneumatic.de/en)



\* Minimum dimension which increases depending on the selected option.

## Type key and sample order

RP200 with a pressure range of 0 to -1 bar, control signal 4–20 mA, analog circuit board (version C), Fail safe with pressure maintenance, no options

### Control range

Pressure range -1 to 70 bar

### Set value input (Control signal)

- 1** 0–10 V
- 2** 0–20 mA
- 3** 4–20 mA
- T** Set-point potentiometer on the housing

### Version

- C** Index of version

### Fail safe (in case of power failure)

- 1** Pressure maintenance
- 2** Pressureless
- 3** Full pressure at the outlet

**RP200/0-(-1)/3/C/1/N**

### Options

- N** No option
- B** Connector instead of cable gland
- D** Display outletpressure
- E** Actual value input\*\*  
E1 = 0–10 V,  
E2 = 0–20 mA or  
E3 = 4–20 mA
- K** Switching output
- S** Soft start after EMERGENCY OFF (3 secs.)

### Actual Value Output

The response signal corresponds always to the control signal.

\*\* with this option the internal sensor omitted