

Type RS200



Precision Positioner

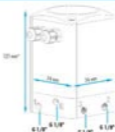
The function of the precision positioner type RS200 is the same as that of the RS100. Due to its larger nominal width it is suitable for larger drives.

Technical Data

Supply voltage	24 V DC $\pm 10\%$
Power consumption, (version-dependent)	max. 12.5 W, 24.5 W or 48.5 W
Connection, electric	clamp connector or customized cable
Supply pressure	max. 8 bar
Control range	depending on drive or path measuring system, resp.
Medium	Compressed air, oiled, unoled, neutral gases, filtered 50 μm
Air consumption	no continuous air consumption
Connection thread	G 1/8"
Nominal flow	250 l/min with 6 bar input pressure
Protection class	IP 67
Operating temperature range	-5 to +50 °C
Hysteresis	< 1 % of the corresponding range
Repeat accuracy	< 0.5 %
Weight	0.9 kg

Actual value output

The response signal corresponds to the range of the control signal.
Other ranges on request.



Minimum dimensions which increase depending on the selected option

Type codes

Ordering example

RS200, double-acting, with actual value encoder, control signal 0-10 V, control range 0-180°, analog board, fail safe – end position 0%, no options

Ordering code RS200: RS200/0/1/1/0-180/A/3/N

Function

0 Double-acting

1 Single-acting

Act. value encoder or actual value input

1 incl. actual value transmitter I, not activate

2 0-10 V

3 0-20 mA

4 4-20 mA

5 connect I, actual value potentiometer 10 k Ω

Set value input (Control signal)

1 0-10 V

2 0-20 mA

3 4-20 mA

P Profibus-DP

M Modbus

C Canbus

I Interface S

D Devicenet

R RS232

S RS485

T set-point potentiometer on the housing

Control range

Rotation 0-350° and higher

Linear path in mm

Design

A analog board

M digital microprocessor board

Fail Safe (for power failure)

1 Position retention

2 End position 100%

3 End position 0%

Options

N no option

C zero rotation (only with integrated actual value encoder)

G potential isolation in set value input