

03/2022



**⚠** Above stated body materials refer to the valve port connections that get in contact with the media only!

**details needed**

- orifice
- port
- operating pressure/Δp
- flow rate
- media
- media temperature
- ambient temperature
- nominal voltage
- control signal

**⚠** The valves' technical design is based on media and application requirements. This can lead to deviations from the general specifications shown on the data sheet with regards to the design, sealing materials and characteristics.

**⚠** If order or application specifications are incomplete or imprecise there exists a risk of an incorrect technical design of the valve for the required application. As a consequence, the physical and / or chemical properties of the materials or seals used, may not be suitable for the intended application. To avoid hydraulic shocks in pipelines, the flow velocities must be taken into account when designing valves for liquids.

**control valve**

**pressure range**

**orifice**

**connection**

**function**

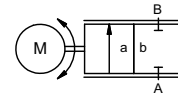
**electro motorically controlled**

PN 0-63 bar

DN 32 mm

thread

stepless stroke regulation



**operating principle**

**body material**

direct acting with integrated 3-point-regulation

① brass

④

②

⑤

③

⑥ stainless steel

**valve seat**

synthetic materials on metal

**seal materials**

FPM, PTFE

**ports**

**function**

**pressure range**

**Kv value**

RMQ threads G 1 1/4 - G 1 1/2

stepless stroke regulation

bar 0-16 | 0-63

DN 32

m³/h 0 - 20,0

bar max. 10

gaseous - liquid - highly viscous - contaminated

**back pressure**

**media**

A ⇌ B as marked available

**abrasive media**

**flow direction**

**switching cycles**

**operating time**

**closed - open**

**media temperature**

**ambient temperature**

DN 32

sec. ca. 3,5

°C -20 to +80

°C max. +70

**approvals**

**mounting**

**weight**

WAZ

mounting brackets

kg 8,6

**nominal voltage**

**current consumption**

**control signals**

**protection**

**energized duty rating**

**connection**

**additional equipment**

**electrical specifications**

U<sub>n</sub> DC 24 V

U<sub>n</sub> AC 24 V

DC < 1,0 A

AC < 1,0 A

I<sub>e</sub> 0-20 mA / 4-20 mA actual valve output

U<sub>E</sub> 0-10 V IA 4-20 mA

IP65 (P54) acc. DIN 40050

ED 100 % (according to the manufacturer certifying)

M12x1 concentric socket DIN 40040, 5poles / wire diameter 6-8 mm

internal separate actual valve output

**options**

WAZ

mounting brackets

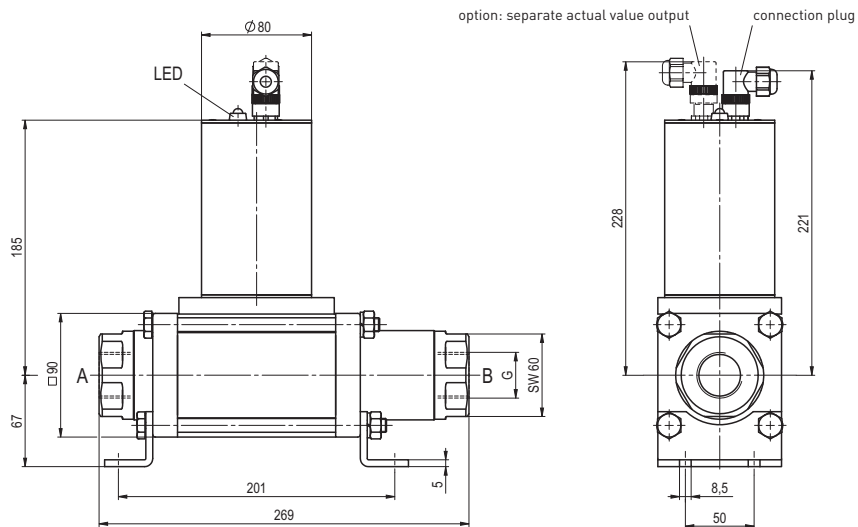
actual valve output

IA 4-20 mA

■ specifications not highlighted are standard  
■ specifications highlighted in grey are optional

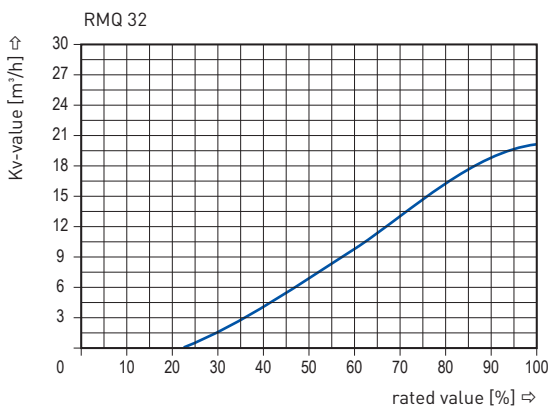
# coax® data sheet - positioning valve

type RMQ 32

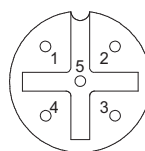


Mounting orientation can be vertical or horizontal, actuator cannot be installed facing down

## Kv value

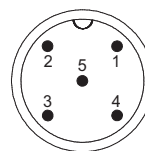


## connection plan / connection plug



- 1: nominal voltage
- 2: nominal voltage
- 3: control signal
- 4: ground (control signal)
- 5: earthing

## option separate actual value output



- 1: actual value 4-20 mA (+)
- 2: actual value 4-20 mA (-)