

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.

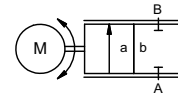
**⚠** If order or application specifications are incomplete or imprecise there exists a risk of an incorrect technical design of the valve for the required application. As a consequence, the physical and / or chemical properties of the materials or seals used, may not be suitable for the intended application.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

**control valve**

<b>pressure range</b>
<b>orifice</b>
<b>connection</b>
<b>function</b>

**electro motorically controlled**

PN 0-63 bar
DN 20 mm
thread
stepless stroke regulation



**operating principle**

**body material**

direct acting with integrated 3-point-regulation
① brass
②
③
④ stainless steel

**valve seat**

**seal materials**

synthetic materials on metal
FPM, PTFE

**ports**  
**function**  
**pressure range**  
**Kv value**

RMQ	threads G 3/4 - G 1
	stepless stroke regulation
bar	0-63
DN	20
m³/h	0 - 7,3
bar	max. 10
	gaseous - liquid - highly viscous - contaminated

**back pressure**  
**media**

**abrasive media**  
**flow direction**  
**switching cycles**  
**operating time**  
**closed - open**  
**media temperature**  
**ambient temperature**  
**approvals**  
**mounting**  
**weight**

	available
A ⇌ B	as marked
DN	20
sec. ca.	3
°C	-20 to +80
°C	max. +70
	WAZ
	mounting brackets
kg	5,9

**nominal voltage**

**current consumption**

**control signals**

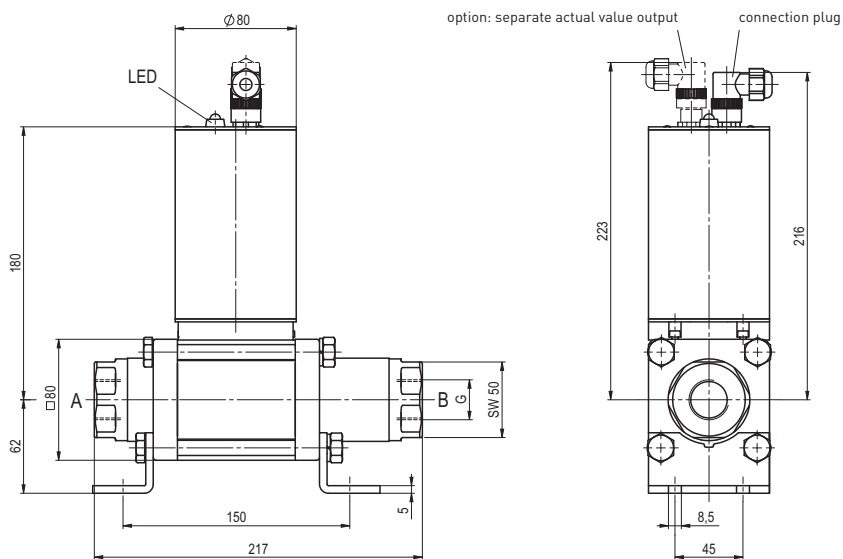
**protection**  
**energized duty rating**  
**connection**  
**additional equipment**

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
U <sub>E</sub>	0-10 V
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

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

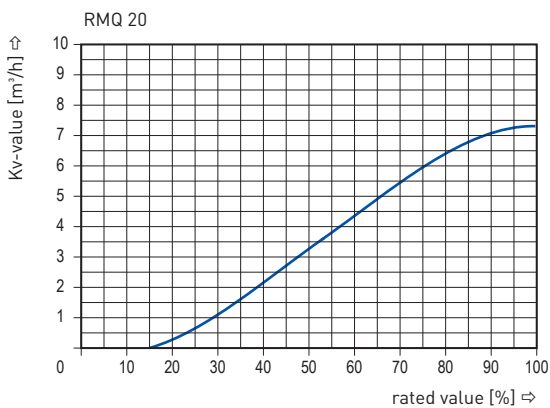
# coax® data sheet - positioning valve

type RMQ 20

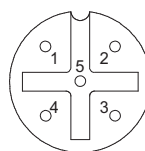


Mounting orientation can be vertical or horizontal, actuator cannot be installed facing down

## Kv value

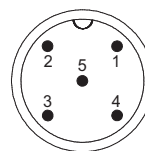


## connection plan / connection plug



- 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 (-)