

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

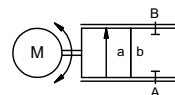
electro motorically controlled

PN 0-25 bar

DN 1-10 mm

thread/cartridge

stepless stroke regulation



operating principle

body material

direct acting with integrated 3-point-regulation

- ① aluminium
- ②
- ③
- ④
- ④ stainless steel

valve seat

seal materials

synthetic materials on metal

PU, HNBR **FPM**

ports

function

pressure range

Kv value

back pressure

media

abrasive media

flow direction

switching cycles

operating time

closed - open

media temperature

ambient temperature

approvals

mounting

weight

general specifications

RMQ	threads G 3/8
	stepless stroke regulation
bar	0-25
DN	1 2 3 4 5 6 8 10
l/min	0,8 1,8 3,5 5,7 9,0 15 26 45
bar	max. 10
	gaseous - liquid - highly viscous

options

A ⇒ B	as marked
DN	1 2 3 4 5 6 8 10
sec. ca.	3,5 5 5 7 8,5 12 16 17,5
°C	0 to +80
°C	max. +70
	WAZ
	mounting holes
kg	2,8
	3,4

electrical specifications

options

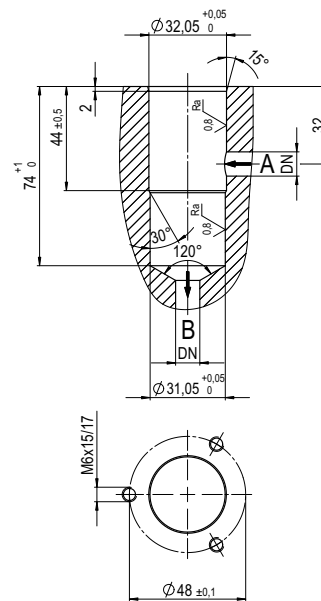
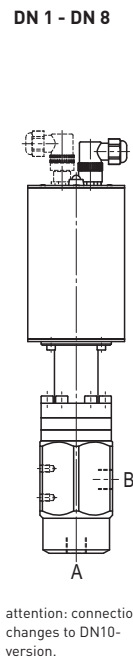
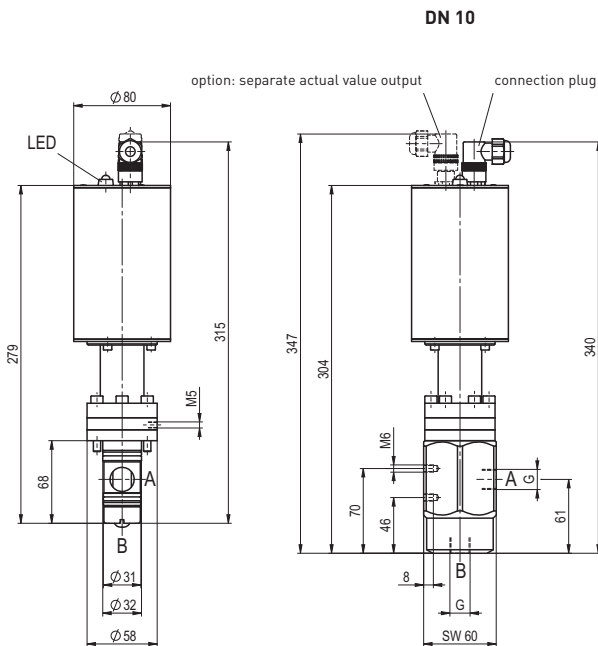
U _n	DC 24 V
U _n	AC 24 V
DC	< 1,0 A
AC	< 1,0 A
I _e	0-20 mA / 4-20 mA
U _E	0-10 V
IP65 (P54)	acc. DIN 40050
ED	100 % (according to the manufacturer certifying)
M12x1	concentric socket DIN 40040, 5poles / wire diameter 6-8 mm
	internal separate actual valve output

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

coax® data sheet - positioning valve

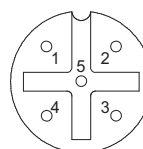
type RMQ 10 PC

drilling design for cartridge



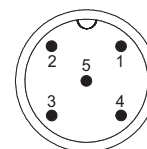
Mounting orientation can be vertical or horizontal, actuator cannot be installed facing down

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 (-)