

08/2021



⚠ 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.

control valve

pressure range

orifice

connection

function

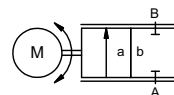
electro motorically controlled

PN 0-25 bar

DN 15 mm

thread/cartridge

stepless stroke regulation



design

body materials

direct acting with integrated 3-point-regulation

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

valve seat

seal materials

synthetic resin on metal / metal 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 1/2 - G 3/4 | options |
| | stepless stroke regulation | |
| bar | 0-25 | |
| DN | 15 | |
| m ³ /h | 0 - 5,9 | |
| bar | max. 10 | |
| | gaseous - liquid - highly viscous - contaminated | available |
| A ⇌ B | as marked | |
| DN | 15 | |
| sec. ca. | 13 | |
| °C | 0 to +80 | |
| °C | max. +70 | |
| | | WAZ |
| | | mounting holes |
| kg | 2,9 | 4,0 |

nominal voltage

current consumption

control signals

protection

energized duty rating

connection

additional equipment

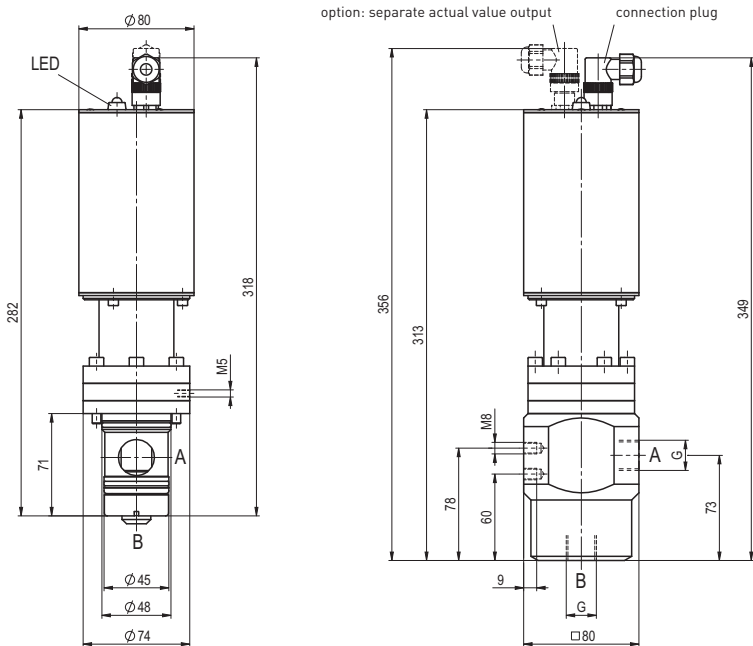
electrical specifications

| | | |
|----------------|--|----------------------------|
| U _n | DC 24 V | options |
| U _n | AC 24 V | |
| DC | < 1,0 A | |
| AC | < 1,0 A | |
| I _e | 0-20 mA / 4-20 mA | actual valve output |
| U _E | 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 | |

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

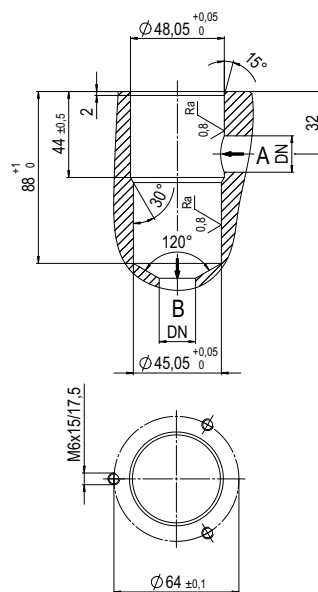
coax® data sheet - positioning valve

type RMQ 15 PC

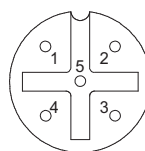


Mounting orientation can be vertical or horizontal, actuator cannot be installed facing down

drilling design for cartridge

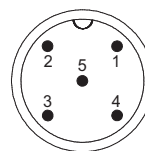


connection plan / connection plug



- 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 (-)