

12/2024



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

details needed

- orifice
- port
- function NC
- operating pressure
- flow rate
- media
- media temperature
- ambient temperature
- nominal voltage

⚠ 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.

specifications not highlighted are standard
 specifications highlighted in grey are optional

2/2-way valve

pressure range

orifice

connection

function

direct acting

PN 0-100 bar

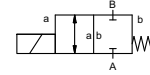
DN 2-8 mm

thread

valve

normally closed

symbol **NC**



operating principle

body material

direct acting, with spring return

① 1.4104/steel, nickel plated

②

③

⑤

④

④ stainless steel,
steel, nickel plated

valve seat

synthetic materials on metal

seal materials

NBR, PTFE

FPM

general specifications

options

KB threads G 3/8

special threads

bar | 10 | 10 | 16 | 30 | 50 | 100 |

DN | 8 | 6 | 5 | 4 | 3 | 2 |

l/min | 24,0 | 17,4 | 13,5 | 11,0 | 4,1 | 1,7 |

leak rate

< 10⁻⁶ mbar•L•s⁻¹

P₁ ↔ P₂

upon request

P₂ > P₁

upon request

gaseous - liquid

ports

function

NC

pressure range

Kv value

vacuum

pressure-vacuum

back pressure

media

abrasive media

damping

flow direction

switching cycles

switching time

media temperature

ambient temperature

limit switches

manual override

approvals

mounting

weight

additional equipment

opening

closing

A ↔ B as marked

bi-directional upon request

1/min 210

ms

opening 100

closing 175

°C

DC: -20 to +40

AC: -20 to +40

°C

DC: -20 to +40

AC: -20 to +40

WAZ

kg

2,8

electrical specifications

options

U_n DC 24 V +5%/-10%

special voltage

U_n AC 230 V +5%/-10% 40-60 Hz

special voltage

DC direct-current magnet

AC direct-current magnet with separate rectifier outside of the explosion-proof area

H 180°C

IP65

ED 100%

M16x1,5 terminal box

U_n V-DC 24 200

48 98 110 220

I_n A 1,13 0,15

0,59 0,30 0,26 0,13

Ⓜ II 2G Ex mb e II T4

II 2G Ex mb II T4

Ⓜ II 2D Ex tD A21 IP65 T130 °C

Ⓜ II 2G Ex h IIC T4 Gb

Ⓜ II 2D Ex h IIIC T130°C Db

insulating rating

protection

energized duty rating

connection

optional

additional equipment

current draw

explosion proof

limit switches

function: **NC**
closed when not energized

