

08/2021



⚠ 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.

2/2-way valve

pressure range

orifice

connection

function

direct acting

PN 0-50 bar

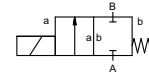
DN 8-14 mm

thread

valve

normally closed

symbol **NC**



design

body materials

direct acting, with spring return

② 1.4104/steel, nickel plated

②

③

⑤

④

④ stainless steel, steel, nickel plated

valve seat

synthetic resin on metal

seal materials

NBR, PTFE

FPM

general specifications

options

KB threads G 1/2

special thread NPT 1/2

function NC

bar | 50 | 35 | 25 | 15 |

DN | 8 | 10 | 12 | 14 |

m³/h | 1,8 | 2,5 | 2,9 | 3,2 |

leak rate

< 10⁻⁶ mbar•L•s⁻¹

P₁ ↔ P₂

P₂ > P₁

gaseous - liquid

ports

function

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

1/min 150

ms

opening 120

closing 270

°C

DC: -20 to +100

<-40 °C / -196 °C and >100 °C upon request

AC: -20 to +100

<-40 °C / -196 °C and >100 °C upon request

°C

DC: -20 to +80

AC: -20 to +80

WAZ

kg

3,5

electrical specifications

options

U_n DC 24 V +5%/-10%

special voltage upon request

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

special voltage upon request

DC direct-current magnet

AC direct-current magnet with integrated

above 100 °C with separate rectifier

rectifier

H

180°C

IP65

ED

100%

plug acc. DIN EN 175301-803 form A, 4 terminal box M16x1,5 positions x90° / wire diameter 6-8 mm

M12x1

connector acc. DESINA

connector acc. VDMA

illuminated plug with varistor

DC 24 V 2,64 A

AC 230 V 40-60 Hz 0,30 A

insulating rating

protection

energized duty rating

connection

optional

additional equipment

current consumption

explosion proof

limit switches

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

coax® data sheet - coaxial valve

type KB 20

function: **NC**
closed when not energized

