

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/NO
- 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 0-130 bar

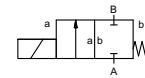
DN 2/4/6 mm

thread

valve

normally closed

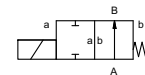
symbol **NC**



valve

normally open

symbol **NO**



**design**

**body materials**

direct acting, with spring return

Ⓢ stainless steel

**valve seat**

synthetic resin on metal

**seal materials**

NBR, PTFE

FPM, EPDM

**ports**

A45 threads G 3/8

**function**

NC

NO

**pressure range**

bar | 10 | 40 | 130 |

| 10 | 60 | 130 |

DN | 6 | 4 | 2 |

| 6 | 4 | 2 |

**Kv value**

l/min | 9,8 | 5,3 | 1,3 |

| 9,8 | 5,3 | 1,3 |

**vacuum**

leak rate

< 10<sup>-6</sup> mbar•L•s<sup>-1</sup>

**pressure-vacuum**

P<sub>1</sub> ↔ P<sub>2</sub>

upon request

**back pressure**

P<sub>2</sub> > P<sub>1</sub>

**media**

gaseous - liquid

**abrasive media**

**damping**

opening

closing

A ↔ B as marked

**flow direction**

**switching cycles**

1/min 200

**switching time**

ms opening 20

closing 45

**media temperature**

°C DC: -10 to +80

> 80 °C upon request

AC: -10 to +80

> 80 °C upon request

**ambient temperature**

°C DC: -10 bis +80

AC: -10 bis +80

**limit switches**

**manual override**

**approvals**

**mounting**

**weight**

**additional equipment**

WAZ

mounting brackets

kg 1,2

upon request

**nominal voltage**

**actuation**

U<sub>n</sub> DC 24 V +5%/-10%

special voltage upon request

U<sub>n</sub> AC 230 V +5%/-10% 40-60 Hz

special voltage upon request

DC direct-current magnet

AC direct-current magnet with integrated rectifier

above 100 °C with separate rectifier

**insulating rating**

H 180°C

**protection**

IP65

**energized duty rating**

**connection**

ED 100% plug acc. DIN EN 175301-803 form A, 4 positions x90° / wire diameter 6-8 mm

**optional**

**additional equipment**

**current consumption**

M12x1 connector acc. DESINA connector acc. VDMA

illuminated plug with varistor

DC 24 V 1,33 A

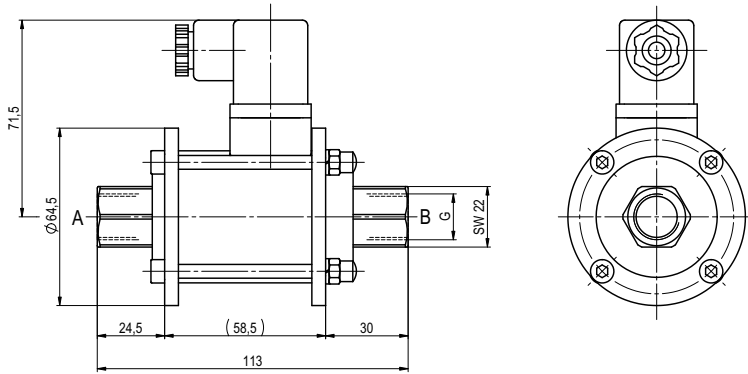
AC 230 V 40-60 Hz 0,17 A

**explosion proof**

**limit switches**

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

function: **NC**  
closed when not energized



function: **NO**  
open when not energized

