

03/2022



**⚠** 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. 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**

**operating principle**

**body material**

**valve seat**

**seal materials**

**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**

**nominal voltage**

**actuation**

**insulating rating**

**protection**

**energized duty rating**

**connection**

**optional**

**additional equipment**

**current consumption**

**explosion proof**

**limit switches**

**direct acting**

PN 0-40 bar

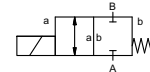
DN 10 mm

thread

valve

normally closed

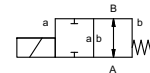
symbol **NC**



valve

normally open

symbol **NO**



pressure balanced, with spring return

Ⓢ TÜV (brass)

synthetic materials on metal

FPM, PTFE

**general specifications**

**options**

MK	threads G 1/4 - G 3/4	
	NC	NO
bar	0-40	
m³/h	2,5	
leak rate		
P <sub>1</sub> ↔ P <sub>2</sub>		
P <sub>2</sub> > P <sub>1</sub>		available (max. 16 bar)
	liquid fuels	
opening		
closing		
A ↔ B	as marked	
1/min	200	
ms	opening 135	
	closing 20	
°C	DC: -10 to +140	
	AC: -10 to +140	
°C	DC: -10 to +60	
	AC: -10 to +60	
TÜV	DIN EN ISO 23553-1 + E DIN 32725	mounting brackets
kg	MK 1,7	

**electrical specifications**

**options**

U <sub>n</sub>	DC 24 V +5%/-10%	
U <sub>n</sub>	AC 230 V +5%/-10% 40-60 Hz	
DC	direct-current magnet	
AC	direct-current magnet with integrated rectifier	
H	180°C	
IP65		
ED	100%	
	plug acc. DIN EN 175301-803 form A, 4 positions x90° / wire diameter 6-8 mm	
N-coil	DC 24 V 1,33 A	
	AC 230 V 40-60 Hz 0,14 A	

