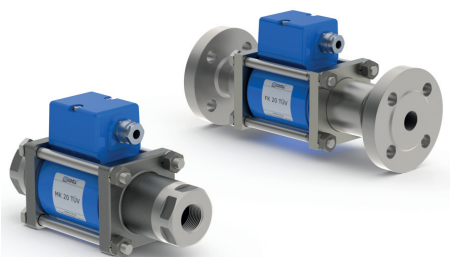


03/2022



⚠ 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

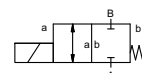
DN 20 mm

thread/flange

valve

normally closed

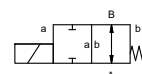
symbol **NC**



valve

normally open

symbol **NO**



pressure balanced, with spring return

⊙ TÜV (steel, galvanized)

synthetic materials on metal

FPM, PTFE

general specifications

options

MK	threads G 3/4 - G 1 1/4	
FK	flanges PN 40	
	NC	NO
bar	0-40	
m³/h	8,4	
leak rate		
P ₁ ↔ P ₂		
P ₂ > P ₁		available (max. 16 bar)
media	liquid fuels	
opening		
closing		
A ↔ B	as marked	
1/min	150	
ms	opening 110	
	closing 110	
°C	DC: -10 to +140	
	AC: -10 to +140	
°C	DC: -10 to +60	
	AC: -10 to +60	
		mechanical
TÜV	DIN EN ISO 23553-1 + E DIN 32725	
		mounting brackets
kg	MK 5,5 FK 7,5	

electrical specifications

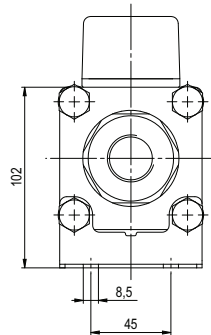
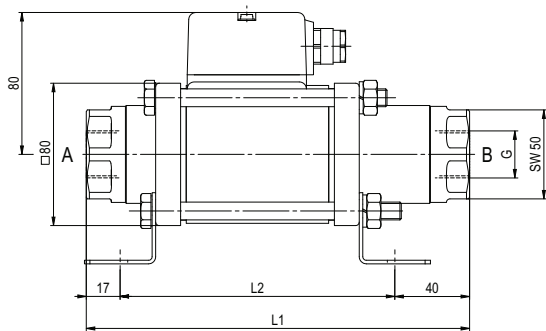
options

U _n	DC 24 V +5%/-10%	
U _n	AC 230 V +5%/-10% 40-60 Hz	
DC	direct-current magnet	
AC	direct-current magnet with separate rectifier	
H	180°C	
IP65		
ED	100%	
M16x1,5	terminal box	
N-coil		
H-coil	DC 24 V 2,64 A	
	AC 230 V 40-60 Hz 0,30 A	
		mechanical
		single pole double throw-SPDT

coax® data sheet - coaxial valve

type MK 20 TÜV
FK 20 TÜV

function: **NC**
closed when not energized



constructive length	L1	L2	L3
standard	215	158	269
with mechanical limit switches	235	178	289

function: **NO**
open when not energized

