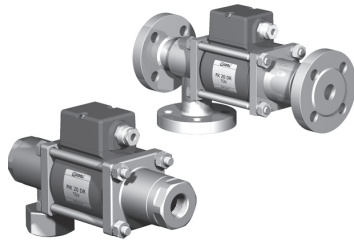
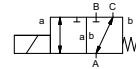



coaxial valve


type MK 20 DR TÜV FK 20 DR TÜV



3/2 way valve direct acting
pressure range PN 0-40 bar
orifice DN 20 mm
connection thread/flange
function valve normally closed (A ► B)
 symbol **NC**



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

design pressure balanced, with spring return, intersecting switch-over
body materials  TÜV

valve seat synthetic resin on metal
seal materials FPM, PTFE

details needed

- orifice
- port
- function NC
- operating pressure
- inlet pressure at A, B or C
- flow rate
- media
- media temperature
- ambient temperature
- nominal voltage

general specifications


options


ports	MK	threads G 3/4 - G 1 1/4
	FK	flanges PN 40
function	NC	
pressure range	bar 0-40	
	A ⇒ B max.40 / B ⇒ A max.16 / A ⇒ C max.40 / C ⇒ A max.40	
Kv value	m³/h 6,7	
vacuum	leak rate	
pressure-vacuum	P ₁ ⇔ P ₂	
back pressure	P ₂ > P ₁ see pressure range	
media	liquid fuels	
abrasive media		
damping	opening	
	closing	
flow direction	see pressure range	
switching cycles	1/min	150
switching time	ms	opening 110 closing 110
media temperature	°C DC: -10 to +140	
	AC: -10 to +140	
ambient temperature	°C DC: -10 to +60	
	AC: -10 to +60	
limit switches		
manual override		
approvals	TÜV	DIN EN ISO 23553-1 + E DIN 32725
mounting		
weight	kg	MK 6,0 FK 8,4
additional equipment		

electrical specifications

options

nominal voltage	U _n	24 V DC
	U _n	230 V 40-60 Hz AC
actuation	DC	direct-current magnet
	AC	direct-current magnet with separate rectifier
insulation rating	H	180°C
protection	IP65	
energized duty rating	ED	100%
connection	M16x1,5	terminal box
optional additional equipment		
current consumption	N-coil	
	H-coil	24 V DC 2,26 A 230 V 40-60 Hz AC 0,29 A
explosion proof		
limit switches	mechanical	single pole double throw-SPDT

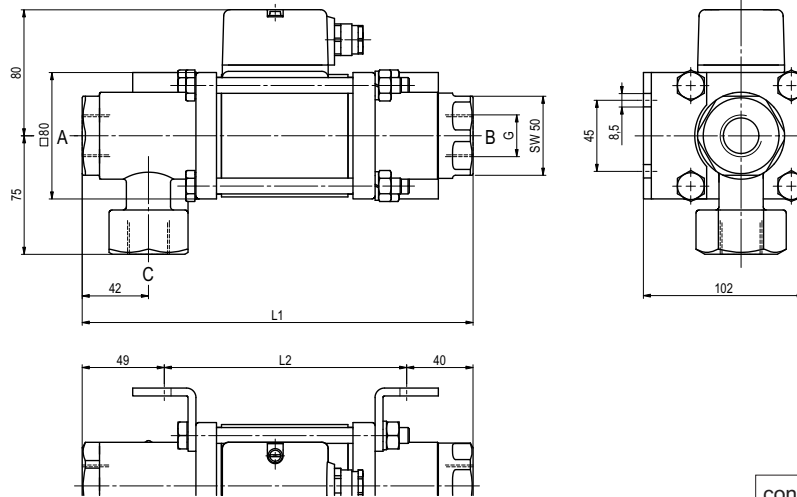
 The valves' technical design is based on media and application requirements. This can lead to deviations from the general specifications shown on the data sheet with regards to the design, sealing materials and characteristics.

 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.

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

type MK 20 DR TÜV

function: **NC**
closed when not energized (A ► B)



constructive length	L1	L2	L3
standard	247	158	301
with mechanical limit switches	267	178	321

type FK 20 DR TÜV

function: **NC**
closed when not energized (A ► B)

