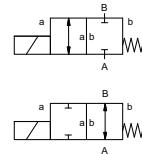


coaxial valve

type MK 25 TÜV HT FK 25 TÜV HT



2/2 way valve	direct acting
pressure range	PN 0-40 bar
orifice	DN 25 mm
connection	thread/flange
function	valve
	normally closed
	symbol NC
	valve
	normally open
	symbol NO



design	pressure balanced, with spring return
body materials	① TÜV/stainless steel

valve seat	synthetic resin on metal
seal materials	FPM, PTFE

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.

general specifications

options

ports	MK	threads G 1 - G 1 1/2	
	FK	flanges PN 40	
function	NC		NO
pressure range	bar	0-40	
Kv value	m³/h	11,2	
vacuum	leak rate		
pressure-vacuum	P ₁ ↔ P ₂		
back pressure	P ₂ > P ₁		available (max. 16 bar)
media		liquid fuels - fuel oil EL, M, S and oils	
abrasive media		not acc. to DIN 51603, e.g. animal fat	
damping	opening		
	closing		
flow direction	A ⇄ B	as marked	
switching cycles	1/min	130	
switching time	ms	opening 130 closing 130	
media temperature	°C	DC: -10 to +160 AC: -10 to +160	
ambient temperature	°C	DC: -10 to +60 AC: -10 to +60	
limit switches		mechanical	
manual override			
approvals	TÜV	DIN EN ISO 23553-1	
mounting			mounting brackets
weight	kg	MK 8,0 FK 10,5	
additional equipment			

electrical specifications

options

nominal voltage	U _n	DC 24 V	
	U _n	AC 230 V 40-60 Hz	
actuation	DC	direct-current magnet	
	AC	direct-current magnet with separate rectifier	
insulating rating	H	180°C	
protection	IP65		
energized duty rating	ED	100%	
connection	M16x1,5	terminal box	

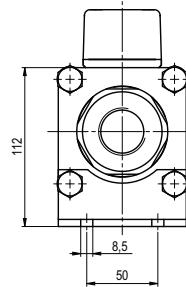
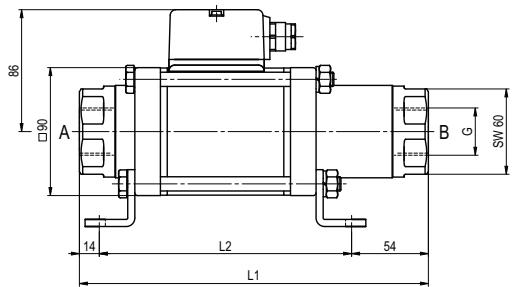
optional additional equipment			
current consumption	N-coil		
	H-coil	DC 24 V 2,66 A	
		AC 230 V 40-60 Hz 0,36 A	
explosion proof			

limit switches	mechanical	single pole double throw-SPDT

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

type MK 25 TÜV HT

function: **NC**
closed when not energized



constructive length	L ₁	L ₂	L ₃
standard	246	178	302
with mechanical limit switches	287	219	343

type FK 25 TÜV HT

function: **NO**
open when not energized

