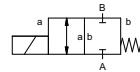


coaxial valve

type FK 25 TÜV



2/2 way valve direct acting
pressure range PN 0-40 bar
orifice DN 25 mm
connection flange
function valve
valve normally closed
symbol NC



design pressure balanced, with spring return
body materials ⑦ TÜV

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

valve seat synthetic resin on metal
seal materials FPM, PTFE

details needed

- orifice
- port
- function NC
- operating pressure
- flow rate
- media
- media temperature
- ambient temperature
- nominal voltage

general specifications		options
ports	FK	flanges PN 40
function	NC	
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	
abrasive media 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 +140 AC: -10 to +140	
ambient temperature	°C DC: -10 to +60 AC: -10 to +60	
limit switches		mechanical
manual override		
approvals	TÜV	DIN EN ISO 23553-1 + E DIN 32725
mounting		mounting brackets
weight	kg FK 10,5	
additional equipment		

electrical specifications

nominal voltage	U _n DC 24 V	U _n AC 230 V 40-60 Hz	options
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	

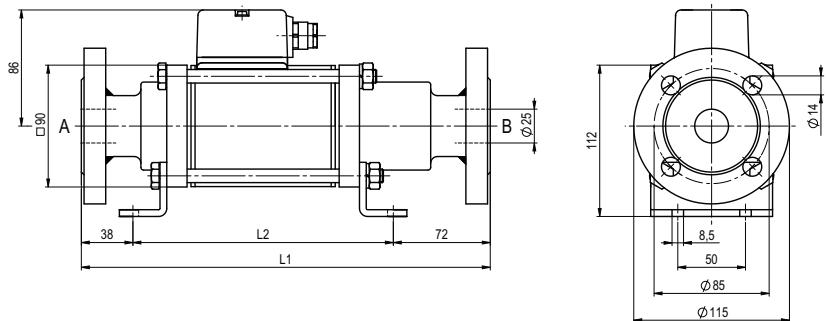
⚠ The valves' technical design is based on media and application requirements. This can lead to deviations from the general specifications shown on the data sheet with regards to the design, sealing materials and characteristics.

⚠ 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 FK 25 TÜV

function: **NC**
closed when not energized



constructive length	L ₁	L ₂
standard	302	192
with mechanical limit switches	355	245