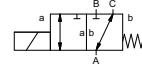


coaxial valve

type FK 25 DR TÜV



3/2 way valve direct acting
pressure range PN 0-40 bar
orifice DN 25 mm
connection flange
function valve
valve normally closed (A ▶ B)
symbol NC



design pressure balanced, with spring return, switching overlap
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
- inlet pressure at A, B or C
- flow rate
- media
- media temperature
- ambient temperature
- nominal voltage

general specifications
options

ports	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	11,2
vacuum	leak rate	
pressure-vacuum	P ₁ ⇄ P ₂	
back pressure	P ₂ > P ₁	see pressure range
media	media	liquid fuels
abrasive media damping	opening	
	closing	
flow direction		see pressure range
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 12,0
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

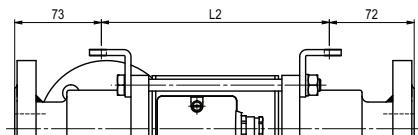
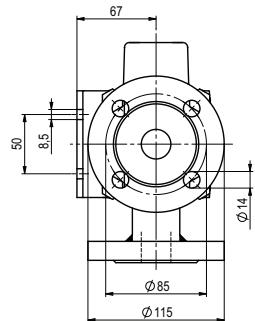
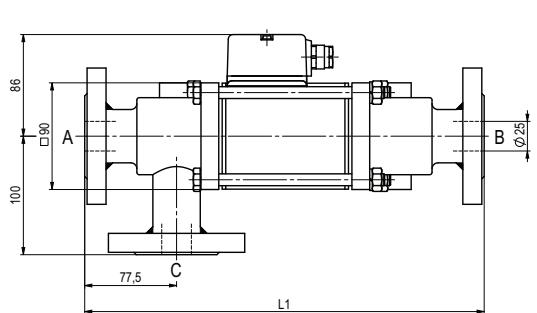
 The valves' technical design is based on media and application requirements. This can lead to deviations from the general specifications shown on the data sheet with regards to the design, sealing materials and characteristics.

 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 DR TÜV

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



constructive length	L ₁	L ₂
standard	337	192