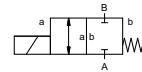


coaxial valve

type MK 15 DVGW FK 15 DVGW



2/2 way valve direct acting
pressure range PN 0-40 bar
orifice DN 15 mm
connection thread/flange
function valve
 normally closed
symbol NC



design pressure balanced, with spring return
body materials DVGW

⚠ 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	MK threads G 3/8 - G 3/4	
	FK flanges PN 40	
function	NC	
pressure range	bar 0-40	
Kv value	m³/h 4,8	
vacuum	leak rate	
pressure-vacuum	P ₁ ⇄ P ₂	
back pressure	P ₂ > P ₁	
media	combustible gases according G 260	
abrasive media		
damping	opening	
	closing	
flow direction	A ⇄ B	as marked
switching cycles	1/min	200
switching time	ms	opening 80 closing 80
media temperature	°C	DC: -15 to +80 AC: -15 to +80
ambient temperature	°C	DC: -15 to +80 AC: -15 to +80
limit switches		inductive
manual override		available
approvals	DVGW	DIN EN 16678:2016 + DIN EN 13611:2011
mounting		mounting brackets
weight	kg	MK 3,8 FK 5,0
additional equipment		

electrical specifications

electrical specifications		options
nominal voltage	U _n DC 24 V U _n AC 230 V 40-60 Hz	special voltage special voltage
actuation	DC direct-current magnet AC direct-current magnet with integrated rectifier	
insulating rating	H 180°C	
protection	IP65	
energized duty rating	ED 100%	
connection	plug acc. DIN EN 175301-803 form A, 4 positions x90° / wire diameter 6-8 mm	terminal box M16x1,5
optional		
additional equipment		illuminated plug with varistor
current consumption	N-coil	
	H-coil DC 24 V 2,30 A AC 230 V 40-60 Hz 0,24 A	
explosion proof	E Ex e II T4 nominal voltage U _n V-DC nominal current I _n A	24 48 98 110 200 220 1,20 0,60 0,30 0,28 0,15 0,14
	media temperature °C	-15 to +40
	ambient temperature °C	-15 to +40
	AC connection	with separate rectifier
limit switches	inductive (I)	normally open-PNP
	inductive (B)	normally open-PNP
	Namur	circuit amplifier

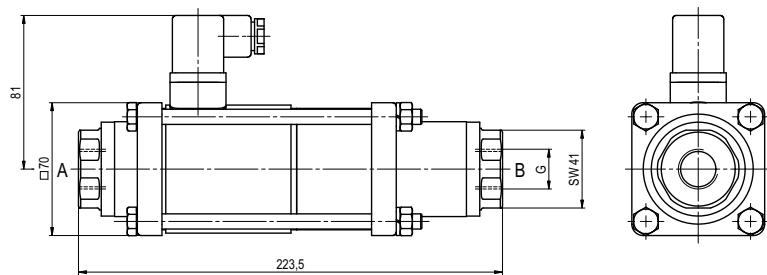
⚠ The valves' technical design is based on media and application requirements. This can lead to deviations from the general specifications shown on the data sheet with regards to the design, sealing materials and characteristics.

⚠ 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 15 DVGW

function: **NC**
closed when not energized



type FK 15 DVGW

function: **NC**
closed when not energized

