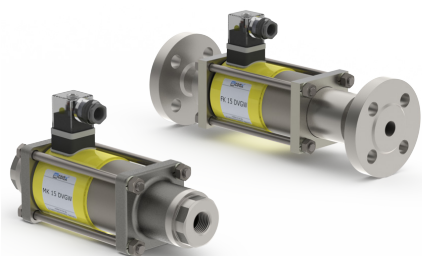
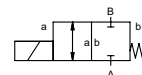


# coaxial valve

## 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**



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

**design** pressure balanced, with spring return  
**body materials** Ⓣ DVGW

**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**

<b>ports</b>	MK	threads G 3/8 - G 3/4	
	FK	flanges PN 40	
<b>function</b>		NC	
<b>pressure range</b>		bar	0-40
<b>Kv value</b>	m³/h		4,8
<b>vacuum</b>	leak rate		
<b>pressure-vacuum</b>	P <sub>1</sub> ⇄ P <sub>2</sub>		
<b>back pressure</b>	P <sub>2</sub> > P <sub>1</sub>		
<b>media</b>			combustible gases according G 260
<b>abrasive media</b>			
<b>damping</b>	opening		
	closing		
<b>flow direction</b>	A ⇄ B	as marked	
<b>switching cycles</b>	1/min		200
<b>switching time</b>	ms	opening 80	closing 80
<b>media temperature</b>	°C		DC: -15 to +80 AC: -15 to +80
<b>ambient temperature</b>	°C		DC: -15 to +80 AC: -15 to +80
<b>limit switches</b>			inductive
<b>manual override</b>			available
<b>approvals</b>	DVGW	DIN 3394-1	
<b>mounting</b>			mounting brackets
<b>weight</b>	kg	MK 3,8	FK 5,0
<b>additional equipment</b>			

**electrical specifications**

**options**

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

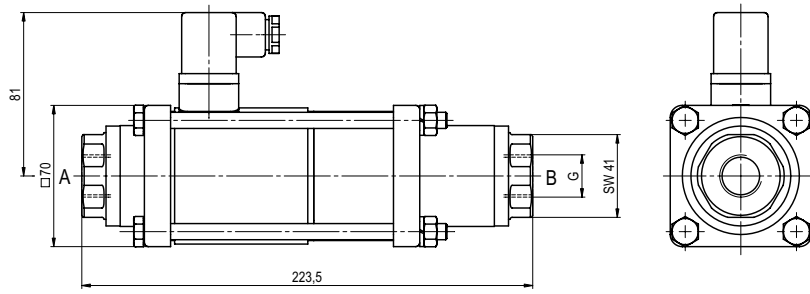
**⚠** The valves' technical design is based on media and application requirements. This can lead to deviations from the general specifications shown on the data sheet with regards to the design, sealing materials and characteristics.

**⚠** 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

