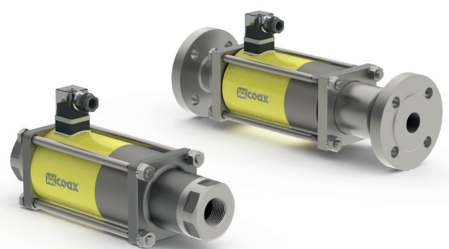


01/2023



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

**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. To avoid hydraulic shocks in pipelines, the flow velocities must be taken into account when designing valves for liquids.

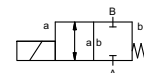
**2/2-way valve**

**pressure range**  
**orifice**  
**connection**  
**function**

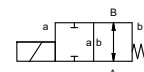
**direct acting**

PN 0-40 bar  
DN 25 mm  
thread/flange

valve normally closed  
symbol **NC**



valve normally open  
symbol **NO**



**operating principle**  
**body material**

pressure balanced, with spring return  
Ⓢ DVGW (steel, nickel plated)

**valve seat**  
**seal materials**

synthetic materials on metal  
FPM, PTFE

**ports**  
**function**  
**pressure range**

**general specifications**

MK threads G 1 - G 1 1/2  
FK flanges PN 40  
NC  
bar 0-40

**options**

NO

**Kv value**  
**vacuum**  
**pressure-vacuum**  
**back pressure**  
**media**

m³/h 13,0  
leak rate  
P1 ↔ P2  
P2 > P1  
combustible gases according G 260

**abrasive media**  
**damping**

opening  
closing

**flow direction**  
**switching cycles**  
**switching time**

A ↔ B as marked  
1/min 130  
ms opening 130  
closing 130

**media temperature**

°C DC: -15 to +80  
AC: -15 to +80

**ambient temperature**

°C DC: -15 to +80  
AC: -15 to +80

**limit switches**  
**manual override**

inductive available (NC)

**approvals**  
**mounting**  
**weight**  
**additional equipment**

DVGW DIN EN 16678:2016  
kg MK 8,0 FK 10,5  
DIN EN 16678:2016 + DIN EN 16304:2013  
mounting brackets

**nominal voltage**

**electrical specifications**

Un DC 24 V +5%/-10%  
Un AC 230 V +5%/-10% 40-60 Hz  
DC direct-current magnet  
AC direct-current magnet with integrated rectifier

**options**

special voltage  
special voltage

**insulating rating**  
**protection**  
**energized duty rating**  
**connection**

H 180°C  
IP65  
ED 100%  
plug acc. DIN EN 175301-803 form A, 4 positions x90° / wire diameter 6-8 mm

**optional**  
**additional equipment**  
**current consumption**

illuminated plug with varistor  
N-coil

**explosion proof (NC 0-16 bar)**

H-coil DC 24 V 2,96 A  
AC 230 V 40-60 Hz 0,33 A

**limit switches**

E Ex e II T4	nominal voltage Un	V-DC	24	48	98	110	200	220
	nominal current In	A	1,42	0,73	0,37	0,35	0,17	0,16
	media temperature	°C	-15 to +40					
	ambient temperature	°C	-15 to +40					
	AC connection		with separate rectifier					
	inductive (B)		normally open-PNP					
	Namur		circuit amplifier					

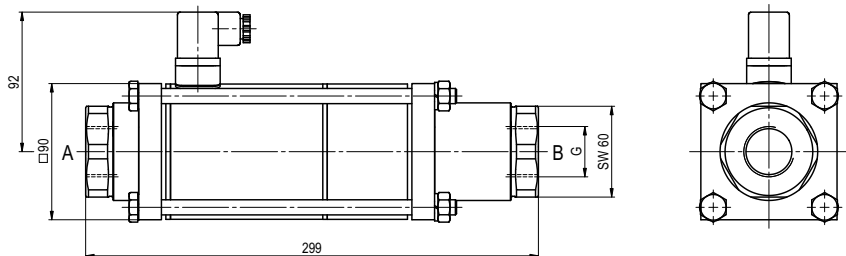
■ specifications not highlighted are standard  
■ specifications highlighted in grey are optional

# coax® data sheet - coaxial valve

type MK 25 DVGW

FK 25 DVGW

function: **NC**  
closed when not energized



function: **NO**  
open when not energized

