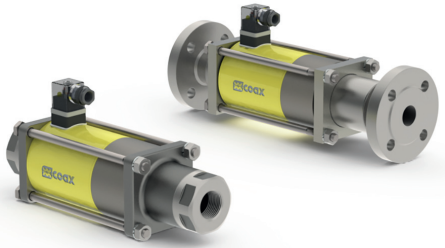


08/2021



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

details needed

- orifice
- port
- function NC
- 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.

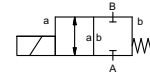
specifications not highlighted are standard
 specifications highlighted in grey are optional

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**



design

body materials

pressure balanced, with spring return

Ⓢ DVGW (steel, nickel plated)

valve seat

seal materials

synthetic resin on metal

FPM, PTFE

general specifications

options

MK	threads G 1 - G 1 1/2
FK	flanges PN 40
	NC
bar	0-40
m³/h	13,0
leak rate	
P ₁ ↔ P ₂	
P ₂ > P ₁	combustible gases according G 260
opening	
closing	
A ↔ B	as marked
1/min	130
ms	opening 130
	closing 130
°C	DC: -15 to +80
	AC: -15 to +80
°C	DC: -15 to +80
	AC: -15 to +80

inductive available

DVGW DIN EN 16678:2016 + DIN EN 13611:2011

mounting brackets

kg MK 8,0 FK 10,5

electrical specifications

options

U _n	DC 24 V +5%/-10%	special voltage
U _n	AC 230 V +5%/-10% 40-60 Hz	special voltage
DC	direct-current magnet	
AC	direct-current magnet with integrated rectifier	
H	180°C	
IP65		
ED	100%	
	plug acc. DIN EN 175301-803 form A, 4 positions x90° / wire diameter 6-8 mm	terminal box M16x1,5
		illuminated plug with varistor
N-coil		
H-coil	DC 24 V 2,66 A	
	AC 230 V 40-60 Hz 0,36 A	
E Ex e II T4	nominal voltage U _n V-DC	24 48 98 110 200 220
	nominal current I _n A	1,79 0,95 0,47 0,40 0,21 0,19
	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

ports

function
pressure range

Kv value

vacuum
pressure-vacuum
back pressure
media

abrasive media
damping

flow direction
switching cycles
switching time

media temperature

ambient temperature

limit switches
manual override

approvals
mounting
weight
additional equipment

nominal voltage

actuation

insulating rating
protection
energized duty rating
connection

optional
additional equipment
current consumption

explosion proof [0-16 bar]

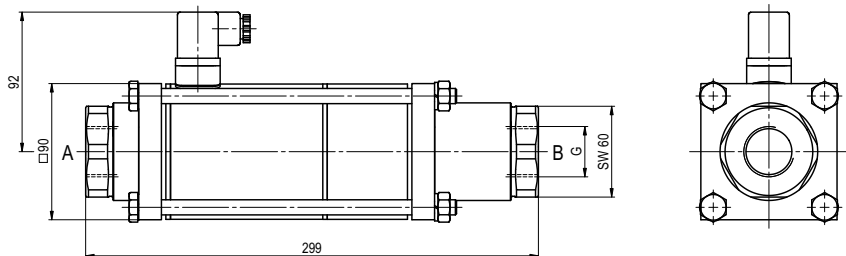
limit switches

coax® data sheet - coaxial valve

type MK 25 DVGW

FK 25 DVGW

function: **NC**
closed when not energized



function: **NC**
closed when not energized

