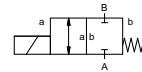


coaxial valve

type MK 25 DVGW FK 25 DVGW



2/2 way valve direct acting
pressure range PN 0-40 bar
orifice DN 25 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 1 - G 1 1/2	
	FK flanges PN 40	
function	NC	
pressure range	bar 0-40	
Kv value	m³/h 11,2	
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 130	
switching time	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		inductive
manual override		available
approvals	DVGW DIN EN 16678:2016 + DIN EN 13611:2011	
mounting		mounting brackets
weight	kg MK 8,0 FK 10,5	
additional equipment		

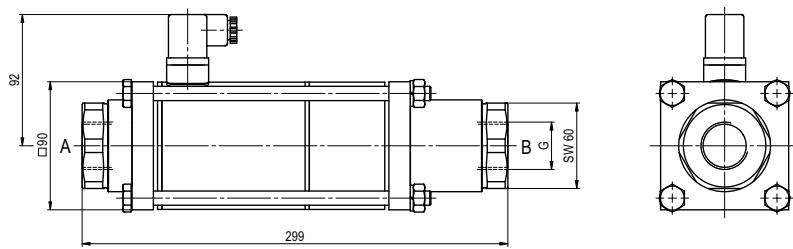
electrical specifications

nominal voltage	U _n DC 24 V	special voltage
	U _n AC 230 V 40-60 Hz	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 2,66 A	
	AC 230 V 40-60 Hz 0,36 A	
explosion proof	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	
limit switches	inductive (I) normally open-PNP	
	inductive (B) normally open-PNP	
	Namur circuit amplifier	

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

type MK 25 DVGW

function: **NC**
closed when not energized



type FK 25 DVGW

function: **NC**
closed when not energized

