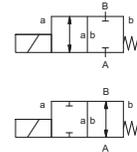


coaxial valve

type MK 10



2/2 way valve direct acting
pressure range PN 0-40 bar
orifice DN 10 mm
connection thread
function valve normally closed symbol **NC**
 valve normally open symbol **NO**



 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 ① brass ②
 ③ brass, nickel plated ⑤
 ④ stainless steel ⑥
valve seat synthetic resin on metal
seal materials NBR FPM, CR, EPDM

details needed

- orifice
- port
- function NC/NO
- operating pressure
- flow rate
- media
- media temperature
- ambient temperature
- nominal voltage

	general specifications	options
ports	MK threads G 1/4 - G 3/4	special threads
function	NC	NO
pressure range	bar 0-16 / 0-40	
Kv value	m ³ /h 2,5	
vacuum	leak rate < 10 ⁻⁶ mbar·l·s ⁻¹	
pressure-vacuum	P ₁ ↔ P ₂ upon request	
back pressure	P ₂ > P ₁ available (max. 16 bar)	
media	gaseous - liquid - contaminated	
abrasive media		
damping	opening closing	
flow direction	A ↔ B as marked	bi-directional (max. 16 bar)
switching cycles	1/min 200	
switching time	ms opening 25 closing 25	
media temperature	°C DC: -10 to +100	-30 to +120
	AC: -10 to +100	-30 to +120
ambient temperature	°C DC: -10 to +80	
	AC: -10 to +80	
limit switches		inductive
manual override		
approvals		LR/GL/WAZ
mounting		mounting brackets
weight	kg MK 1,5	
additional equipment		upon request

	electrical specifications	options
nominal voltage	U _n DC 24 V	special voltage upon request
	U _n AC 230 V 40-60 Hz	special voltage upon request
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	M12x1 connector acc. DESINA	connector acc. VDMA
current consumption	illuminated plug with varistor	
	N-coil DC 24 V 1,00 A	
	AC 230 V 40-60 Hz 0,13 A	
explosion proof		DC 24 V 1,29 A
		AC 230 V 40-60 Hz 0,16 A
limit switches	inductive (B)	normally open-PNP

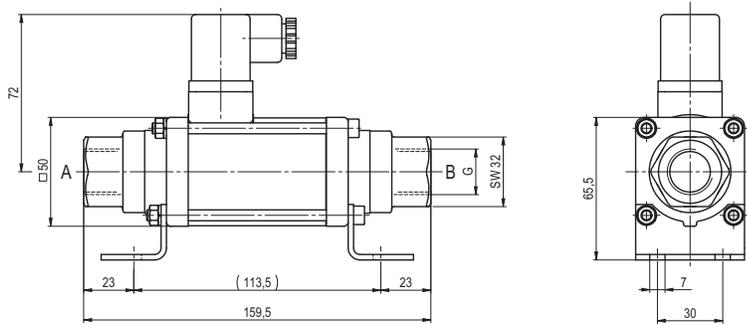
 The valves' technical design is based on media and application requirements. This can lead to deviations from the general specifications shown on the data sheet with regards to the design, sealing materials and characteristics.

 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 10

function: **NC**
closed when not energized



type MK 10

function: **NO**
open when not energized

