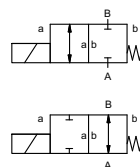


# coaxial valve

## type MK 10



**2/2 way valve** direct acting  
**pressure range** PN 0-64 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 ⑥ stainless steel  
**valve seat seal materials** synthetic resin on metal  
 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	0-16/0-40/0-64	
Kv value	m³/h 2,5	
vacuum	leak rate < 10 <sup>-6</sup> mbar•l•s <sup>-1</sup>	
pressure-vacuum	P <sub>1</sub> ⇄ P <sub>2</sub> upon request	
back pressure	P <sub>2</sub> > P <sub>1</sub> 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

**⚠** 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.

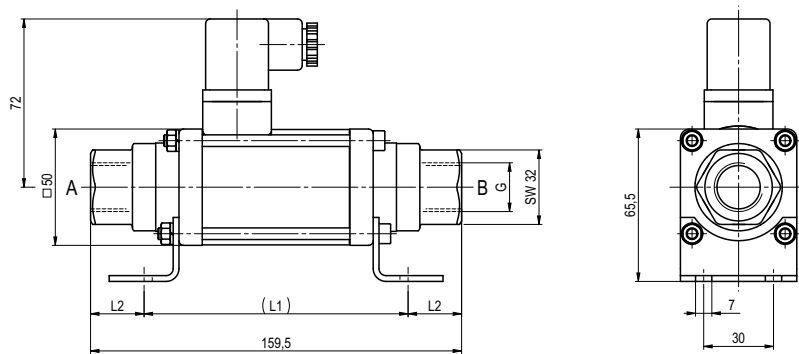
**⚠** If order or application specifications are incomplete or imprecise there exists a risk of an incorrect technical design of the valve for the required application. As a consequence, the physical and / or chemical properties of the materials or seals used, may not be suitable for the intended application.

	electrical specifications	options
nominal voltage	U <sub>n</sub> 24 V DC special voltage upon request	
	U <sub>n</sub> 230 V 40-60 Hz AC special voltage upon request	
actuation	DC direct-current magnet	
	AC direct-current magnet with integrated rectifier	
insulation rating	H 180°C	
protection	IP65	
energized duty rating	ED 100%	
connection	plug acc. DIN EN 175301-803 terminal box M16x1,5	
	form A, 4 positions x 90° / wire diameter 6-8 mm	
optional additional equipment	M12x1 connector acc. DESINA connector acc. VDMA	
current consumption	illuminated plug with varistor	
	N-coil 24 V DC 1,00 A	
	230 V 40-60 Hz AC 0,13 A	
	H-coil 24 V DC 1,29 A	
	230 V 40-60 Hz AC 0,16 A	
explosion proof		
limit switches	inductive (I) normally open-PNP	
	inductive (B) normally open-PNP	

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

# type MK 10

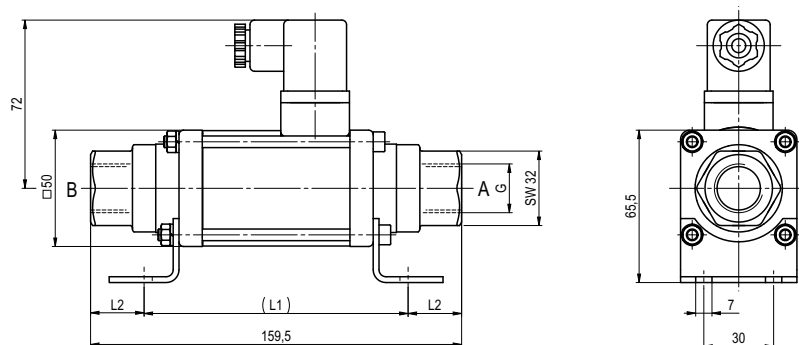
function: **NC**  
closed when not energized



constructive length	L1	L2
0-16/0-40 bar	113,5	23
0-64 bar	121,5	19

# type MK 10

function: **NO**  
open when not energized



The application-specific layout relating to temperature, pressure conditions, switching behavior, media and its consistency may restrict the range of use or necessitate relevant modifications to materials used and seal arrangements.

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