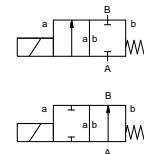


lateral valve

type KBS 15



2/2 way valve	direct acting
pressure range	PN 0-500 bar
orifice	DN 1,5-3 mm
connection	thread
function	valve normally closed symbol NC
	valve normally open symbol NO



design	direct acting, with spring return
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body materials	① brass	②
	③ brass, nickel plated	⑤
	④	⑥ stainless steel

valve seat	synthetic resin on metal
seal materials	NBR

FPM

⚠ 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
- switching cycles

general specifications

ports	KBS	threads G 3/8	options
function	NC	NO	special threads
pressure range	bar	1 250 400 500	
	DN	1 3 2 1,5	1 100 300 500
Kv value	l/min	1 5,2 1,3 1,1	1 5,2 1,3 1,1
vacuum			< 10 ⁻⁶ mbar·l·s ⁻¹
pressure-vacuum	P ₁ ↔ P ₂		upon request
back pressure	P ₂ > P ₁		upon request
media		gaseous - liquid	
abrasive media			
damping	opening		
	closing		
flow direction	A → B	as marked	bi-directional upon request
switching cycles	1/min	270	
switching time	ms	opening 60 closing 160	
media temperature	°C	DC: -20 to +100 AC: -20 to +100	
ambient temperature	°C	DC: -20 to +80 AC: -20 to +80	
limit switches			
manual override			
approvals			
mounting			WAZ
weight	kg	4,2	mounting holes
additional equipment			upon request

electrical specifications

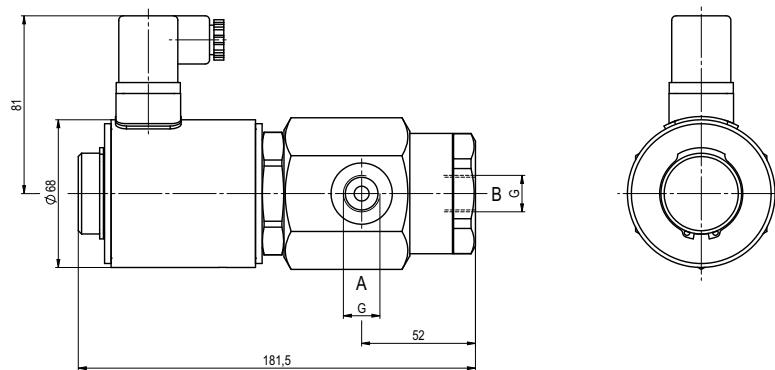
nominal voltage	U _n DC 24 V	options
	U _n AC 230 V 40-60 Hz	special voltage upon request
actuation	DC direct-current magnet	special voltage upon request
	AC direct-current magnet with integrated rectifier	
insulating rating	H 180°C	
protection	IP65	
energized duty rating	ED 100% (upon request)	
connection	terminal box M16x1,5	plug acc. DIN EN 175301-803 form A, 4 positions x90° / wire diameter 6-8 mm
optional		
additional equipment	M12x1 connector acc. DESINA	connector acc. VDMA
current consumption	1-coil operation DC 24 V 1,60 A 2-coil operation AC 230 V 40-60 Hz 0,15 A	DC 24 V 1,60 A AC 230 V 40-60 Hz 0,15 A
	2-coil operation DC 24 V 5,90 A / AC 230 V 0,76A	pick up power
	operation DC 24 V 1,58 A / AC 230 V 0,16A	holding power
explosion proof		

limit switches

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

type KBS 15

function: **NC**
closed when not energized



type KBS 15

function: **NO**
open when not energized

