

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/NO
- operating pressure
- flow rate
- media
- media temperature
- ambient temperature
- nominal voltage
- switching cycles

! 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.

2/2-way valve

pressure range

orifice

connection

function

direct acting

PN 0-500 bar

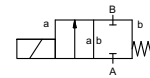
DN 1,5-3 mm

thread

valve

normally closed

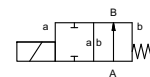
symbol **NC**



valve

normally open

symbol **NO**



design

body materials

direct acting, with spring return

- ① brass
- ②
- ③ brass, nickel plated
- ④
- ⑤
- ⑥ stainless steel

valve seat

synthetic resin on metal

seal materials

NBR **FPM**

ports

general specifications

options

KBS threads G 3/8 **special threads**

function

NC **NO**

pressure range

bar	250 400 500	100 300 500
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Kv value

DN	3 2 1,5	3 2 1,5
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vacuum

l/min | 5,2 | 1,3 | 1,1 | | 5,2 | 1,3 | 1,1 |

pressure-vacuum

leak rate < 10⁻⁶ mbar•L•s⁻¹

back pressure

P₁ ↔ P₂ upon request

media

P₂ > P₁ upon request

gaseous - liquid

abrasive media

damping

opening

A ↔ B as marked **bi-directional upon request**

flow direction

switching cycles

switching time

1/min 270

ms opening 60

closing 160

media temperature

°C DC: -20 to +100

ambient temperature

°C AC: -20 to +100

DC: -20 to +80

AC: -20 to +80

limit switches

manual override

approvals

mounting

weight

additional equipment

WAZ

mounting holes

kg 4,2

upon request

nominal voltage

electrical specifications

options

U_n DC 24 V +5%/-10% **special voltage upon request**

U_n AC 230 V +5%/-10% 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% (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

current consumption

M12x1 connector acc. DESINA **connector acc. VDMA**

1-coil operation 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

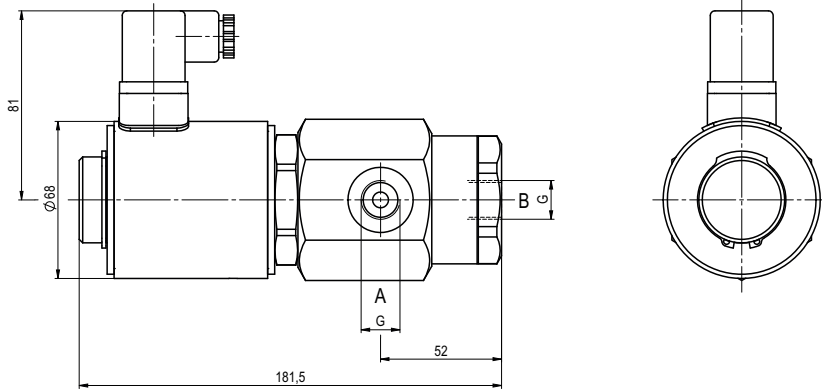
limit switches

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

coax® data sheet - lateral valve

type KBS 15

function: **NC**
closed when not energized



function: **NO**
open when not energized

