

08/2021



! Above stated body materials refer to the valve port connections that get in contact with the media only!

details needed for main valve

- orifice
- port
- function NC/NO
- operating pressure/ Δp
- flow rate
- media
- media temperature
- ambient temperature
- type of actuation

details needed for pneumatic actuation

- nominal voltage
- type of protection
- actuation pressure range min/max
- pilot valve type

! 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

2/2-way valve

pressure range
orifice
connection
function

design

body materials

valve seat

seal materials

ports

function
pressure range

Kv value
vacuum
pressure-vacuum

back pressure
media

abrasive media
damping

flow direction
switching cycles
switching time

media temperature
ambient temperature
flush ports
leak ports
limit switches
manual override
approvals
mounting
weight
additional equipment

nominal voltage

power consumption

protection
energized duty rating
connection
optional
additional equipment
max. temperature

explosion proof

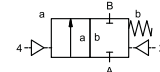
actuation pressure range
air consumption
cycle speed
control
pilot valve interface
actuator ports

actuation pressure range
control
actuator ports
by media

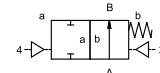
externally controlled

PN 0-500 bar
 DN 6 mm
 thread

valve
 normally closed
 symbol **NC**



valve
 normally open
 symbol **NO**



externally controlled with spring return

- | | |
|---------|---|
| ① brass | ② |
| ③ | ⑤ |
| ④ | ⑥ |

monel on brass

EPDM, NBR FPM

general specifications

LVP	threads G 1/4	
	NC	NO
bar	0-500	
l/min	7	
leak rate		< 10 ⁻⁶ mbar•L•s ⁻¹
P ₁ ⇄ P ₂	pressure side max. 500 bar	
	vacuum side leak rate upon request	
P ₂ > P ₁		available (max. 16 bar)
	gaseous	
opening		
closing		
A ⇄ B	as marked	
1/min	300	
ms	opening 100-3000	
	closing 100-3000	
°C	-20 to +80	
°C	-20 to +80	
		inductive via adapter
		via 3/2 way pilot valve
	mounting holes on valve body 2 x M6	
kg	2,2	
		adapter

options

electrical specifications

options

pneumatic specifications

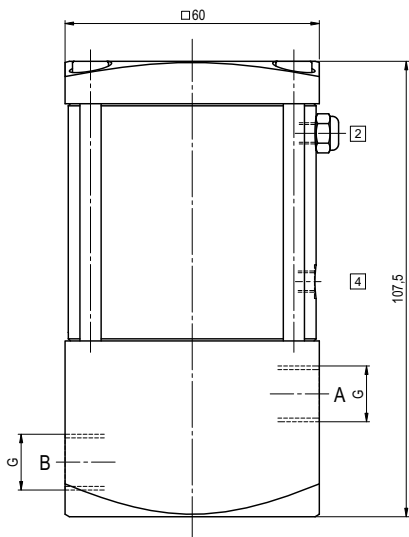
options

bar	7
cm ³ /stroke	6,5
	main valve speed variable by throttleson pilot valve
	via 3/2 way pilot valve
2/4	M 5

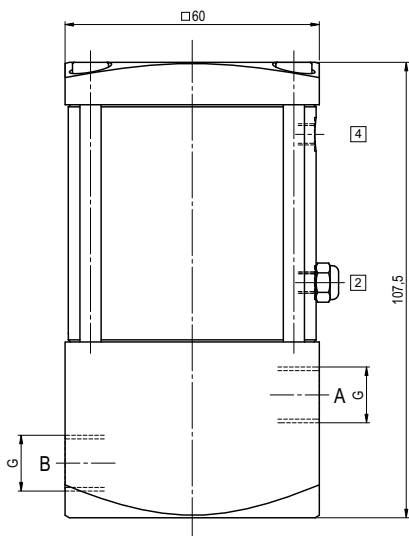
hydraulic specifications

options

function: **NC**
closed when not energized



function: **NO**
open when not energized



pneumatic actuation (separately)

