


02/2024




 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. To avoid hydraulic shocks in pipelines, the flow velocities must be taken into account when designing valves for liquids.

2/2-way valve

pressure range

orifice

connection

function

operating principle

body material

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

options

LVP

threads G 1/4

bar

NC

NO

0-500

l/min

7

leak rate

 $< 10^{-4} \text{ mbar} \cdot \text{l} \cdot \text{s}^{-1}$ $P_1 \leftrightarrow P_2$

pressure side max. 500 bar

vacuum side leak rate upon request

 $P_2 > P_1$

gaseous

upon request

opening

by throttles on pilot valve

closing

by throttles on pilot valve

 $A \leftrightarrow B$

as marked

1/min

upon request

ms

opening 100-3000

via pilot valve

closing 100-3000

via pilot valve

°C

-20 to +80

°C

-20 to +80

inductive via adapter

via pilot valve

mounting holes on valve body 2 x M6

kg

2,2

adapter

electrical specifications

options

pneumatic specifications

options

bar

7

cm³/stroke

6,5

main valve speed variable by throttles on pilot valve

via pilot valve by arrangement

2/4

M 5

hydraulic specifications

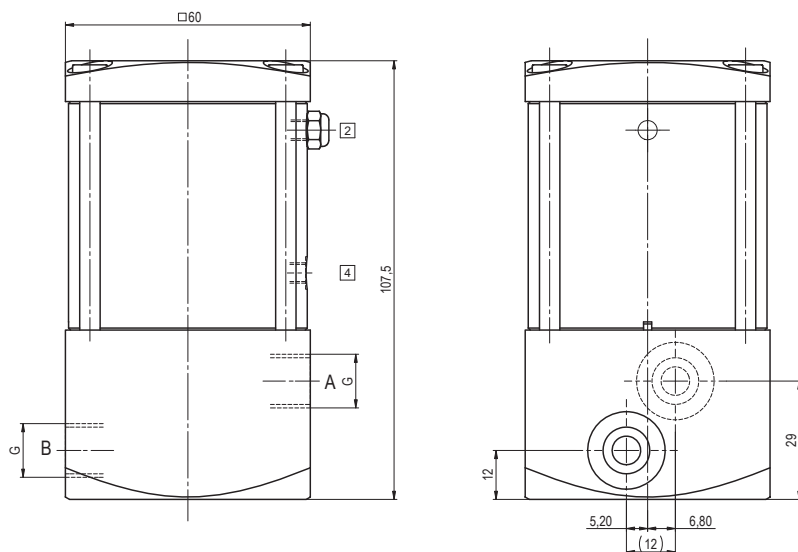
options

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

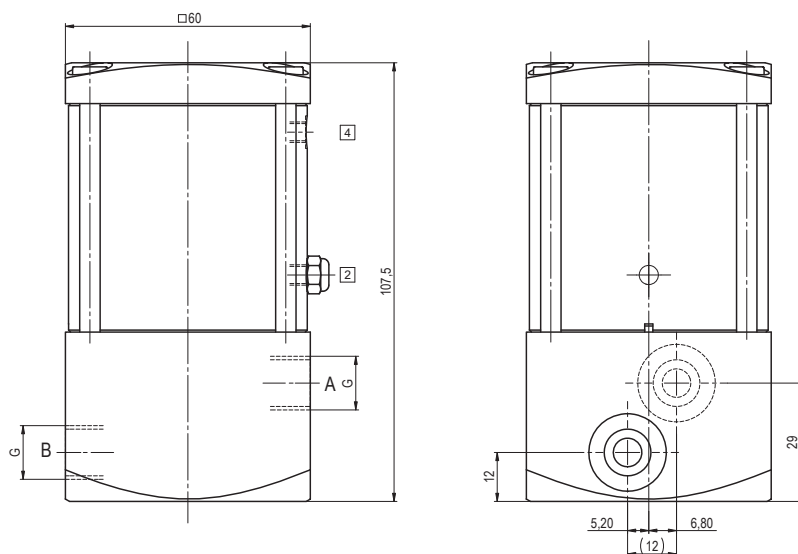
coax® data sheet - lateral valve

type LVP 06

function: **NC**
closed when not energized



function: **NO**
open when not energized



pneumatic actuation (separately)

