

08/2024



**⚠** 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

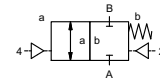
**2/2-way valve**

**pressure range**  
**orifice**  
**connection**  
**function**

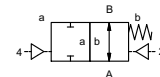
**externally controlled**

PN 0-25 [0-40] bar  
 DN 10 /15 / 20 / 25 mm  
 thread

valve normally closed  
 symbol **NC**



valve normally open  
 symbol **NO**



**general specifications**

	FMX-2	FMX-3	FMX-4	FMX-5
DN	10	15	20	25
G	3/8 - 1/2	1/2 - 3/4	3/4 - 1	1 - 1 1/4
G	1	1 1/4	1 1/2	2
<b>function</b>	NC / NO			
<b>pressure range</b>	bar 0-16 bar / 0-25 bar [0-40 bar upon request]			
<b>media</b>	gaseous - liquid			
<b>media temperature</b>	°C -20 to +120 °C [consider seal materials]			
<b>switching time opening</b>	ms 30	30	35	35
<b>switching time closing</b>	ms 35	40	60	70
<b>body materials valve</b>	Ⓞ stainless steel 1.4404	stainless steel 1.4404	stainless steel 1.4404	stainless steel 1.4404
	Ⓞ aluminium	aluminium	aluminium	aluminium
<b>slots</b>	1/2 / 3 / 4 / 5	1/2 / 3 / 4 / 5	2 / 3 / 4 / 5	2 / 3 / 4 / 5
<b>body materials manifold</b>	Ⓞ stainless steel 1.4404	stainless steel 1.4404	stainless steel 1.4404	stainless steel 1.4404
	Ⓞ		aluminium	aluminium
	Ⓞ			
<b>body materials module</b>	Ⓞ aluminium	aluminium		
	Ⓞ			
<b>seal materials</b>	PTFE, FKM, EPDM, PU, H-Ecopur			
<b>valve seat</b>	synthetic materials on metal			
<b>operating principle</b>	pressure balanced, with spring return			

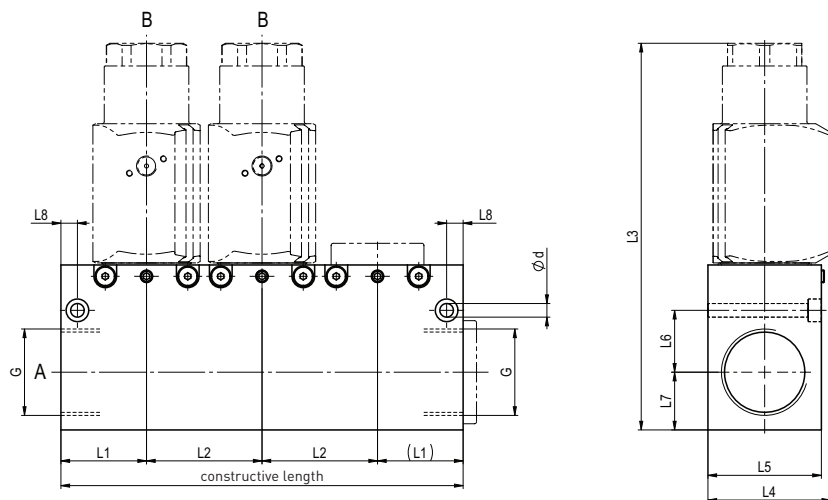
**⚠** The valves' technical design is based on media and application requirements. This can lead to deviations from the general specifications shown on the data sheet with regards to the design, sealing materials and characteristics.

**⚠** 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.

specifications not highlighted are standard  
 specifications highlighted in grey are optional

# coax® data sheet - module and valve manifold

type FMX-2/3/4/5



## valve manifold

type	L1	L2	L3	L4	L5	L6	L7	L8
FMX-2	38	47	152	53	50	30	21	8
FMX-3	41,5	56	187	59,5	55	30	28	8
FMX-4	42,5	65	213	71	70	33	33	10
FMX-5	47,5	75	236	75,5	75	38	38	11

## constructive length

1-station	2-station	3-station	4-station	5-station
-	123	170	217	264
-	139	195	251	307
-	150	215	280	345
-	170	245	320	395

## module

type	L9	L10
FMX-2	161	28
FMX-3	181,5	32

## constructive length

1-station	2-station	3-station	4-station	5-station
78	131	184	237	290
78	131	184	237	290

