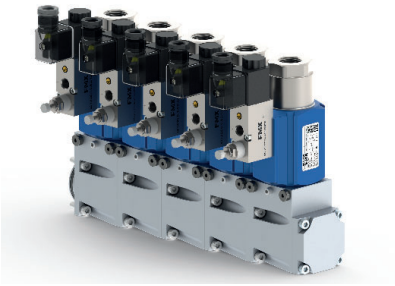
coax® data sheet - module and valve manifold

type FMX-2/3/4/5

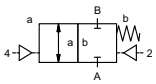
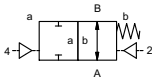
09/2025



⚠ 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	**externally controlled**
pressure range	PN 0-25 (0-40) bar
orifice	DN 10 /15 / 20 / 25 mm
connection	thread
function	valve normally closed symbol **NC** 
	valve normally open symbol **NO** 

general specifications

		FMX-2	FMX-3	FMX-4	FMX-5
type					
orifice	DN	10	15	20	25
port thread valve	G	3/8 - 1/2	1/2 - 3/4	3/4 - 1	1 - 1 1/4
port thread module|valve manifold	G	1 | 1	1 | 1 1/4	- | 1 1/2	- | 2
function		NC / NO			
pressure range	bar	0-16 bar / 0-25 bar (0-40 bar upon request)			
media		gaseous - liquid			
media temperature	°C	-20 to +120 °C (consider seal materials)			
switching time opening	ms	30	30	35	35
switching time closing	ms	35	40	60	70
body materials valve	ⓒ	stainless steel 1.4404	stainless steel 1.4404	stainless steel 1.4404	stainless steel 1.4404
	ⓓ	aluminium	aluminium	aluminium	aluminium
slots		1/ 2 / 3 / 4 / 5	1/ 2 / 3 / 4 / 5	2 / 3 / 4 / 5	2 / 3 / 4 / 5
body materials manifold	ⓒ	stainless steel 1.4404	stainless steel 1.4404	stainless steel 1.4404	stainless steel 1.4404
	ⓓ			aluminium	aluminium
body materials module	ⓓ	aluminium	aluminium		
	ⓒ				
seal materials		PTFE, FKM, EPDM, PU, H-Ecopur			
valve seat		synthetic materials on metal			
operating principle		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

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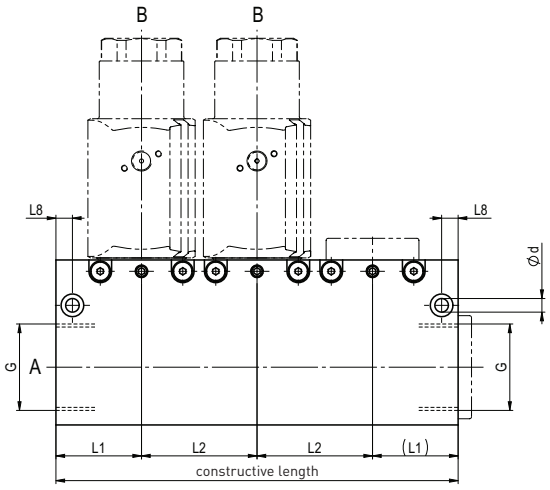
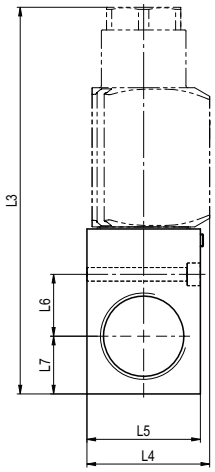




valve manifold

constructive length

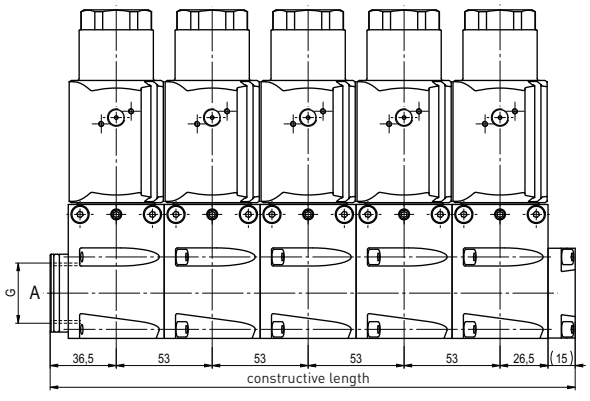
type	L1	L2	L3	L4	L5	L6	L7	L8	ød	1-station	2-station	3-station	4-station	5-station
FMX-2	38	47	152	53	50	30	21	8	6,6 [M6]	-	123	170	217	264
FMX-3	41,5	56	187	59,5	55	30	28	8	6,6 [M6]	-	139	195	251	307
FMX-4	42,5	65	213	71	70	33	33	10	9 [M8]	-	150	215	280	345
FMX-5	47,5	75	236	75,5	75	38	38	11	11 [M10]	-	170	245	320	395

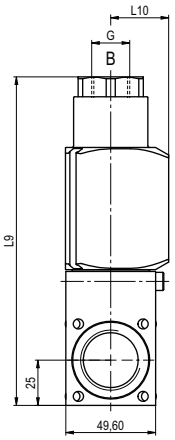
module

constructive length

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

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





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