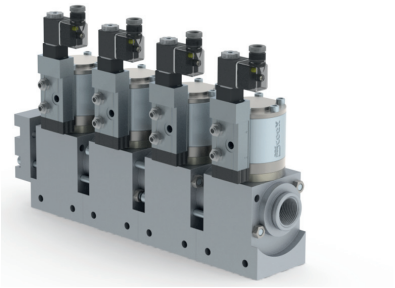
coax® data sheet - module

type PCD-1/2 10/15
PCS-1/2 10/15

03/2022



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

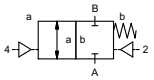
details needed

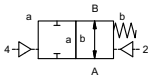
- orifice
- port
- function NC/NO
- operating pressure
- flow rate
- media
- media temperature

⚠ 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	**externally controlled**
pressure range	PN 0-200 bar
orifice	DN 10/15 mm
connection	thread
function	valve normally closed symbol **NC**
	valve normally open symbol **NO**





general specifications

type		PCD-1/2 10	PCS-1/2 10	PCD-1/2 15	PCS-1/2 15
orifice	DN	10	10	15	15
port thread valve	G	1/2	1/2	3/4	3/4
port thread module	G	3/4	3/4	1	1
function		NC / NO			
pressure range	bar	0-200			
media		gaseous - liquid - highly viscous - gelatinous - pasty - contaminated			
media temperature	°C	-10 to +150	-10 to +150	-10 to +150	-10 to +150
switching time opening	ms	30-3000	30-3000	100-3000	100-3000
switching time closing	ms	30-3000	30-3000	100-3000	100-3000
body materials valve	①				
	⓪				
	②				
	③				
	④				
	⑤				
	⑥	stainless steel	stainless steel	stainless steel	stainless steel
body materials module	⓪	aluminium	aluminium	aluminium	aluminium
	⑥				
seal materials		EPDM, PU, FPM			
valve seat		synthetic materials on metal / metal on metal			
operating principle		externally controlled with spring return			

specifications not highlighted are standard
specifications highlighted in grey are optional

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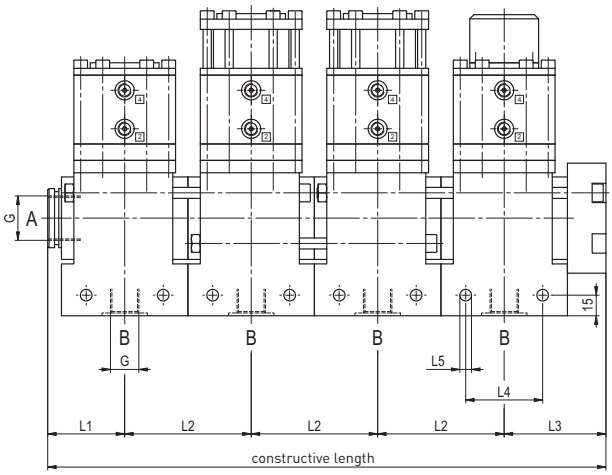
type PCD-1/2 10/15
PCS-1/2 10/15



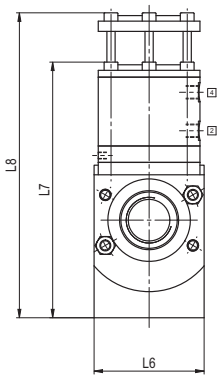
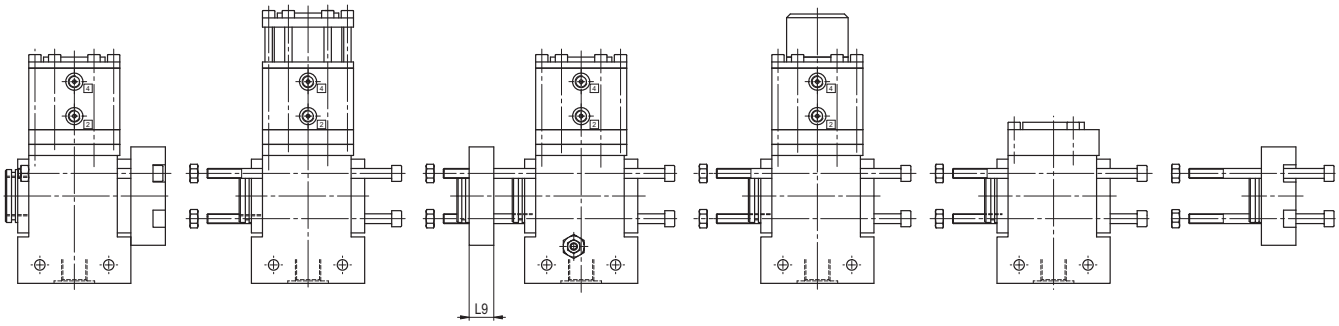


chart with dimensions

type	L1	L2	L3	L4	L5	L6	L7	L8	L9
PCD-1/2 10	43,5	70	63	41	Ø6,4	65	175	205	20
PCS-1/2 10	43,5	70	63	41	Ø6,4	65	175	205	20
PCD-1/2 15	56	92	74	56	Ø8,5	80	186	221,5	20
PCS-1/2 15	56	92	74	56	Ø8,5	80	186	221,5	20

chart with overall length

type	1-station	2-station	3-station	4-station	5-station	6-station	7-station	8-station
PCD-1/2 10	106,5	176,5	246,5	316,5	386,5	456,5	526,5	596,5
PCS-1/2 10	106,5	176,5	246,5	316,5	386,5	456,5	526,5	596,5
PCD-1/2 15	130	222	314	406	498	590	682	774
PCS-1/2 15	130	222	314	406	498	590	682	774



basis module | extension module | extension module with separation plate and bypass throttle | extension module with flow regulation | module with blind cover (thread option) | end plate (thread option)