


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

2/2-way valve

pressure range

orifice

connection

function

externally controlled

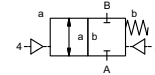
PN 0-100 bar

DN 10-32 mm

thread

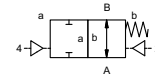
valve

normally closed

symbol **NC**

valve

normally open

symbol **NO**

general specifications

	VMK 10	VMK 15	VMK 20	VMK 25	VMK 32
DN	10	15	20	25	32
G	1/4 - 3/4	3/8 - 3/4	3/4 - 1 1/4	1 - 1 1/2	1 1/4 - 1 1/2
G	1	1	1 1/4	1 1/2	1 1/2
NC / NO					
bar	0-16 / 40 / 63 / 100				
gaseous - liquid - highly viscous - gelatinous - pasty - contaminated					
°C	-20 to +160	-20 to +160	-20 to +160	-20 to +160	-20 to +160
ms	30-3000	50-3000	50-3000	50-3000	50-3000
ms	30-3000	50-3000	50-3000	50-3000	50-3000
①	brass	brass	brass	brass	brass
②	aluminium	aluminium	aluminium	aluminium	aluminium
③	steel, galvanized	steel, galvanized	steel, galvanized	steel, galvanized	steel, galvanized
④	brass nickel plated	brass nickel plated	brass nickel plated	brass nickel plated	brass nickel plated
⑤	steel nickel plated	steel nickel plated	steel nickel plated	steel nickel plated	steel nickel plated
⑥					
⑦	stainless steel	stainless steel	stainless steel	stainless steel	stainless steel
⑧	aluminium	aluminium	aluminium	aluminium	aluminium
⑨	stainless steel	stainless steel			
NBR, PTFE, FPM, CR, EPDM					
synthetic materials on metal					
pressure balanced, with spring return					

type

orifice

port thread valve

port thread module

function

pressure range

media

media temperature

switching time opening

switching time closing


body materials valve


body materials module

seal materials

valve seat

operating principle

 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

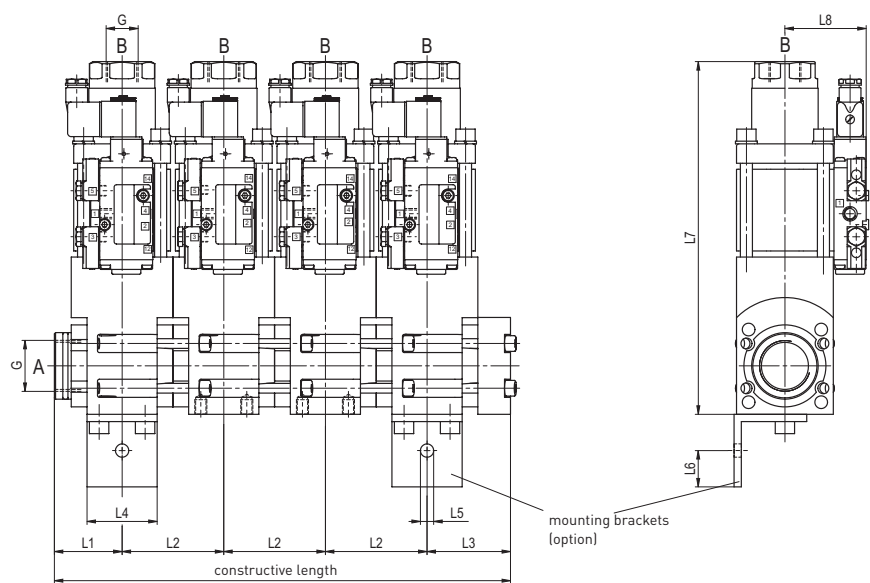


chart with dimensions

type	L1	L2	L3	L4	L5	L6	L7	L8	L9
VMK 10	36,5	53	38,5	38	Ø8,5	20	186	90	20
VMK 15	46	72	64	52	Ø9	30	249	62	20
VMK 20	56	84	69	58	Ø11	30	292	67	30
VMK 25	61	94	84	68	Ø11	30	339	72	30
VMK 32	61	94	84	68	Ø11	30	362	72	30

chart with overall length

type	1-station	2-station	3-station	4-station	5-station	6-station	7-station	8-station
VMK 10	75	128	181	234	287	340	393	446
VMK 15	110	182	254	326	398	470	542	614
VMK 20	125	209	293	377	461	545	629	713
VMK 25	145	239	333	427	521	615	709	803
VMK 32	145	239	333	427	521	615	709	803

