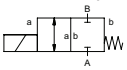
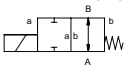
2/2-way valve coaxial
direct actuated

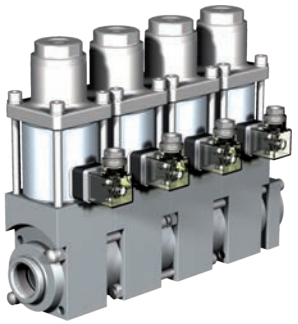
orifice	DN 10 - 25
pressure range	PN 0 - 100 bar
ports	threaded

function **NC**
valve normally closed



function **NO**
valve normally open





specifications

design	pressure balanced, with spring return
function	NC - normally closed
	NO - normally open
body materials valve	brass, galvanized steel, nickel plated brass, nickel plated steel, stainless steel
body materials module	aluminium, stainless steel
seal materials	NBR, PTFE, FPM, CR, EPDM, special materials
media	gaseous, liquid, highly viscous, contaminated
actuation	DC direct-current magnet
	AC direct-current magnet, with integrated rectifier
nominal voltage	DC 24 V / AC 230 V
electrical connection	plug acc. DIN EN 175301-803, form A, LED
insulation class	H - 180 °C
enclosure protection	IP 65
energized duty rating	ED 100 %
flow direction	A ⇨ B
	B ⇨ A (Δp 16 bar max.)
vacuum	leak rate < 10^{-6} mbar•l•s^{-1}
options / accessories	special threads, function NO, damping, limit switches, manual override, mounting, special voltage, connector M12x1,
	terminal box, ATEX zone 2 cat. 3 max 80°C

technical data

co-ax type	orifice [mm]	valve ports threaded	manifold ports threaded	pressure range [bar]	Kv value A ⇨ B	media temperature	ambient temperature	switching time [ms] opening / closing
MK 10	DN 10	G 1/4 - G 3/4	G 1	0 - 16 / 40 / 64	2,5 m³/h	-20 °C ... +120 °C	-10 °C ... +80 °C	25 / 25
MK 15	DN 15	G 3/8 - G 3/4	G 1	0 - 16 / 40 / 64 / 100	4,8 m³/h	-20 °C ... +160 °C	-20 °C ... +80 °C	80 / 80
MK 20	DN 20	G 3/4 - G 1 1/4	G 1 1/4	0 - 16 / 40 / 64 / 100	7,4 m³/h	-20 °C ... +160 °C	-20 °C ... +80 °C	110 / 110
MK 25	DN 25	G 1 - G 1 1/2	G 1 1/2	0 - 16 / 40 / 64 / 100	11,2 m³/h	-20 °C ... +160 °C	-20 °C ... +80 °C	130 / 130

length

co-ax type	module 1-station	module 2-station	module 3-station	module 4-station	module 5-station	module 6-station	module 7-station	module 8-station	module segment
MK 10	75 mm	128 mm	181 mm	234 mm	287 mm	340 mm	393 mm	446 mm	53 mm
MK 15	110 mm	182 mm	254 mm	326 mm	398 mm	470 mm	542 mm	614 mm	72 mm
MK 20	125 mm	209 mm	293 mm	377 mm	461 mm	545 mm	629 mm	713 mm	84 mm
MK 25	145 mm	239 mm	333 mm	427 mm	521 mm	615 mm	709 mm	803 mm	94 mm

The valve´s 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.