

nominal specifications	CXD 2/2-way coaxial valve
2/2-way valve	direct acting / solenoid
pressure range	0-40 bar / 0-600 psi
connection	threads
function	NC - normally closed NO - normally open
design	pressure balanced, with spring return
body materials parts in contact with media	brass, stainless steel
seal materials seat / dynamic / static	FPM / PTFE / FPM customer to verify seal / seat compatibility with media
media	gaseous-liquid-gelatinous-highly viscous-contaminated
electrical connection	PG 9, plug acc. DIN EN 175301-803 form A, LED



technical data	CXD 10	CXD 15	CXD 20	CXD 25
orifice mm	DN 10	DN 15	DN 20	DN 25
port connection threads	G 3/8 / FNPT 3/8	G 1/2 / FNPT 1/2	G 3/4 / FNPT 3/4	G 1 / FNPT 1
factor Kv A → B	2,2 m³/h	5,2 m³/h	7,5 m³/h	12,2 m³/h
media temperature	-20 °C to +100 °C	-20 °C to +100 °C	-20 °C to +100 °C	-20 °C to +100 °C
ambient temperature	-20 °C to +60 °C	-20 °C to +60 °C	-20 °C to +60 °C	-20 °C to +60 °C
operating time opening / closing	45 ms / 70 ms	60 ms / 130 ms	105 ms / 150 ms	150 ms / 190 ms
vacuum leak rate	< 10 ⁻⁴ mbar·l·s ⁻¹	< 10 ⁻⁴ mbar·l·s ⁻¹	< 10 ⁻⁴ mbar·l·s ⁻¹	< 10 ⁻⁴ mbar·l·s ⁻¹
flow direction	A → B B → A (P 12 bar max.)	A → B B → A (P 12 bar max.)	A → B B → A (P 12 bar max.)	A → B B → A (P 12 bar max.)
nominal voltage	DC 24 V AC 110 V / AC 230 V	DC 24 V AC 110 V / AC 230 V	DC 24 V AC 110 V / AC 230 V	DC 24 V AC 110 V / AC 230 V
current consumption	DC 1,45 A AC 0,36 A / AC 0,18 A	DC 2,1 A AC 0,41 A / AC 0,24 A	DC 2,2 A AC 0,56 A / AC 0,26 A	DC 2,5 A AC 0,62 A / AC 0,30 A
insulation class	H	H	H	H
enclosure protection	IP 65	IP 65	IP 65	IP 65
energized duty rating	ED 100%	ED 100%	ED 100%	ED 100%
length L1 / L2	145 mm / 50 mm	173 mm / 70 mm	193 mm / 80 mm	212 mm / 90 mm
length L3 / L4	- / -	- / -	- / -	- / -
weight	1,7 Kg / 3,75 lb	3,7 Kg / 8,16 lb	5,4 Kg / 11,90 lb	7,1 Kg / 15,65 lb

accessories optional	order-codes			
mounting brackets stainless steel	1 3 4 5 7 5	1 3 4 5 7 6	1 3 4 5 7 7	1 3 4 5 7 8
limit switch Reed AC / DC 10-30 V	- / -	- / -	- / -	- / -

drawings	circuit symbols	valve order-code
	<p>function: NC valve normally closed</p> <p>function: NO valve normally open</p>	<p>9 1</p> <p>NC=1 NO=2</p> <p>AC110V=1 AC230V=3 DC24V = 4</p> <p>DN10 G3/8 = 1 DN10 FNPT3/8=5 DN15 G1/2 = 2 DN15 FNPT1/2=6 DN20 G3/4 = 3 DN20 FNPT3/4=7 DN25 G1 = 4 DN25 FNPT1 = 8</p> <p>brass=1 stainless steel=2</p>