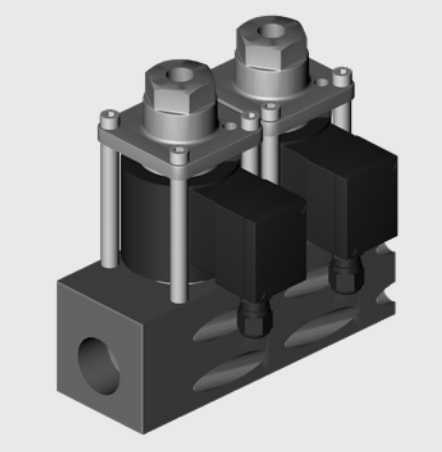
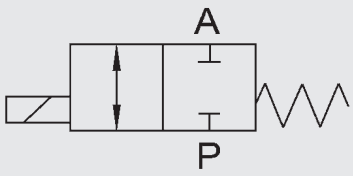
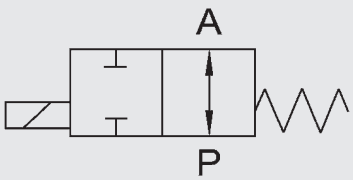


2/2-way coaxial valve
CX MEX direct acting
Modular

Switching function



NC (closed when de-energised)



NO (open when de-energised)

Order data

- Nominal size
- Connection
- NC / NO function
- Operating pressure
- Flow rate
- Fluid
- Temperature of fluid
- Ambient temperature
- Supply voltage
- Number of module blocks

⚠ If order details or application data are inaccurate or incomplete, there is a risk that the technical configuration of the valves may not be correct for the desired use. This may result in the physical and/or chemical characteristics of the materials or seals used not being adequate for the intended use.

Model code
(also example order)

CX MEX	2/2	D	C	2	10	020	012	24V	2XL

Designation
CX MEX = modular series CX MEX

Ways
2/2 = number of ways

Control
D = direct

Switching function
C = NC - closed when de-energised
O = NO - open when de-energised

Body material (valve)
2 = brass
4 = 1.4305*
5 = 1.4571*

Valve sizes
10 = DN 10
15 = DN 15

Pressure range
020 = > 0 - 20 bar

Connection
014 = G¼ DN 10
038 = G⅜ DN 10, DN 15
012 = G½ DN 10, DN 15
034 = G½ DN 15

Supply voltage
24 V = 24 V DC
230 V = 230 V AC 40 - 60 Hz

Number of module blocks
2XL = double block with G¾ connecting block, left, and end cap, right

*optional

EN 6.185.2/10.19

Technical specifications

Control	2/2-way valve, direct acting	
Nominal size	DN 10, DN 15	
Pressure range (see table)	CX MEX - 2/2 DN 10 CX MEX - 2/2 DN 15	PN 0 to PN 20 PN 0 to PN 20
Connections (see table)	Valve: Block:	G¼ - G¾ G½ - G1½
Body material	Single valve: Block:	Brass, 1.4305*, 1.4571* Aluminium
Seal material	Static: Dynamic: Seat seal:	FKM PTFE FKM
Back-pressure resistant	up to 16 bar	
Vacuum	Leakage rate < 10^{-6} mbar•l/s *	
Media	Gaseous, fluid, high-viscosity, gelatinous, contaminated	
Abrasive operating fluids	On request	
Flow direction	P → A A → P	max. 20 bar max. 16 bar
Temperature of fluid	-20 °C to +40 °C	
Ambient temperature	-30 °C to +40 °C	
Mounting position	No orientation restrictions	

Electrical part

Supply voltage	DC: 24 V AC: 230 V 50 Hz
Connection	Cable gland M16 x 1.5
Voltage tolerance	±10 % to VDE 0580
Duty cycle	100 % duty cycle
Explosion protection	II 2G Ex em II T4 II 2 D td A21 IP65 T130 °C

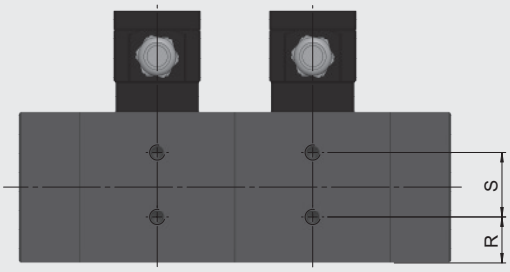
⚠ The material specification refers exclusively to the valve connection parts in contact with the medium. *optional

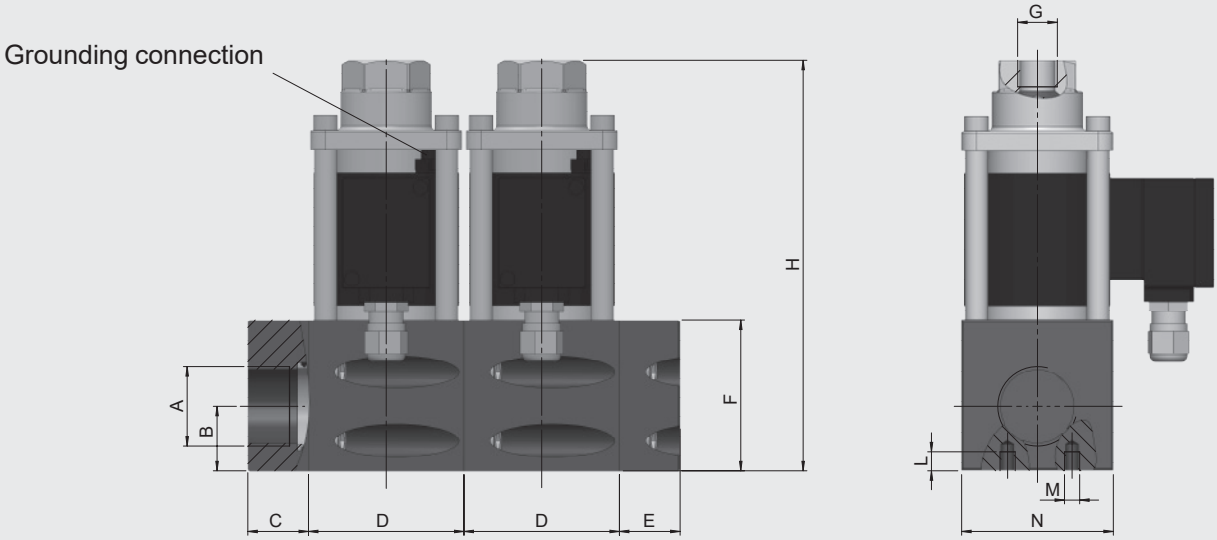
Series	DN [mm]	Pressure [bar]	Connection (Valve)	Kv value [m^3/h]	Power consumption [W] 24 V DC	230 V 50 Hz	Weight [kg]
CX MEX	10	0 - 20	G¼, G⅜, G½	2.5	23	23	2.3
	15	0 - 20*	G⅜, G½, G¾	5.2	30	30	4.3

*Higher pressures on request

⚠ The valves are technically configured for specific media and applications. This may result in deviations from the general information given in the data sheet in terms of the design, sealing materials and specifications.

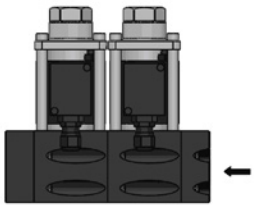
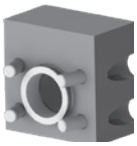
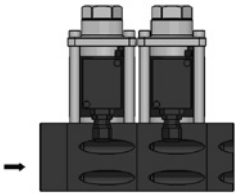
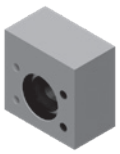
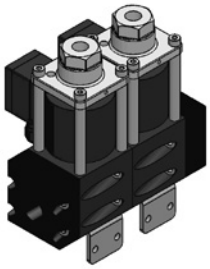
Dimensions





DN	A	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	H [mm]	G	L [mm]	M	N [mm]	R [mm]	S [mm]
10	G½, G¾, G1, G1¼	28	42	67	27	69.5	187	¼, ⅜, ½	8	M6	70	21	28
15	G1, G1¼, G1½	34	32	82	32	79.5	216.5	⅜, ½, ¾	10	M8	80	25	34

Accessories

Joining parts	Separating plate		
	Spacer		
End caps	End cap, right		
	End cap, left		
Connecting blocks	Connecting block, right		
	Connecting block, left		
Mounting bracket	Mechanical option = **HW**		

We would be happy to discuss your requirements for further options and accessories

NOTE

The information in this brochure relates to the operating conditions and applications described. For applications and operating conditions not described, please contact the relevant technical department.

The operator is always responsible for determining the product suitability for the specific application. Quantified values for product characteristics are average values for a new product that undergo a time deterioration process.

Subject to technical modifications and errors.

HYDAC Accessories GmbH
Hirschbachstr. 2
66280 Sulzbach/Saar
Tel.: +49 (0)6897 - 509-01
Fax: +49 (0)6897 - 509-1009
Internet: www.hydac.com
E-Mail: accessories@hydac.com