

## **Technical specifications**

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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 <sup>.6</sup> mbar•l/s *		
Media	Gaseous, fluid, high-viscosity, gelatinous, contaminated		
Abrasive operating fluids	On request		
Flow direction	$\begin{array}{c} P \to A \\ A \to P \end{array}$	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

 $m \Lambda$  The material specification refers exclusively to the valve connection parts in contact with the medium.

\*optional

Series	DN	Pressure	Connection	Kv value	Power consumption [W]		Weight
	[mm]	[bar]	(Valve)	[m³/h]	24 V DC	230 V 50 Hz	[kg]
CX MEX	10	0 - 20	G¼, G¾, G½	2.5	23	23	2.3
	15	0 - 20*	G¾, 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.



## Accessories

Accessories		 
Joining parts	Separating plate	
	Spacer	
End caps	End cap, right	Q
	End cap, left	
Connecting blocks	Connecting block, right	
	Connecting block, left	
Mounting bracket	Mechanical option = <b>HW</b>	

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 determ specific application. Quantified values for proceeding of the product that undergo a time deterior Subject to technical modifications and errors. 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.

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