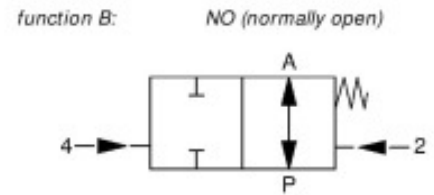
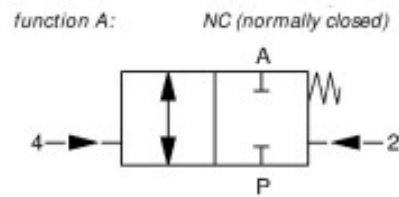


2/2-way coaxial valve

Type 283-X

externally controlled
modular design



diameter	DN 15
pressure range	0 – max. 200bar backpressure leakproof up to max 16bar
body material	single valve: brass block: aluminium
seal material	static: FKM dynamic: PTFE seat seal: PTFE
temperature	media: -10 up to +100 °C ambient: -10 up to +50 °C
connection	valve: G3/8 – G3/4 block: G1 1/4
flow direction	P → A max. 200bar A → P max. 16bar
actuating part	double acting piston with spring return
control pressure	3 – 8bar connections 2+4 (G1/4) port according to NAMUR an upstreamed service unit extends the lifetime of the valves
switching time	opening / closing 50 – 1000ms depending on operating pressure, pilot valve (option) and exhaust air throttle (option)
mounting	in any position

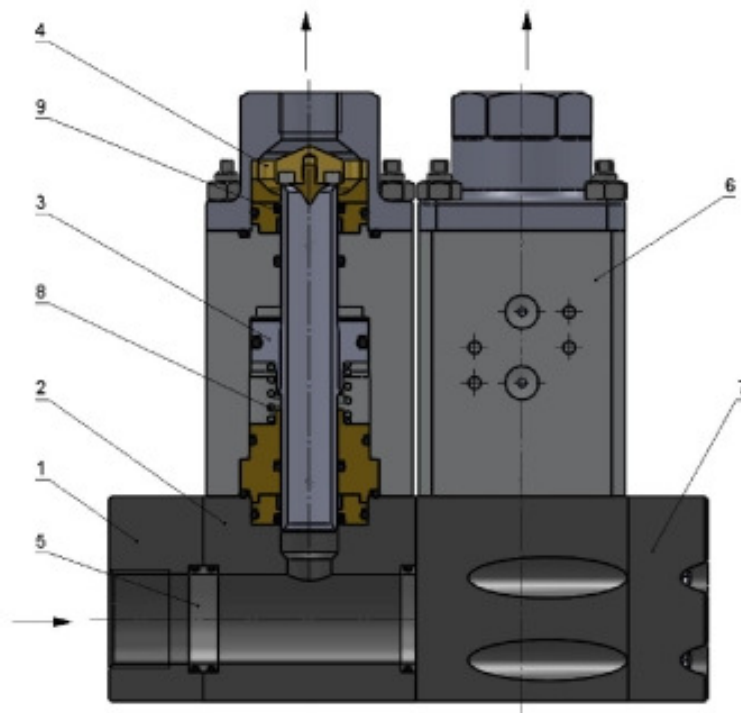
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2/2-way coaxial valve

Type 283-X

type	[mm]	pressure range [bar]	connection	flow rate [m ³ /h]	weight - brass [kg]
283-X	15	0 – 200	G3/8, G1/2, G3/4	7,2	3,2

sectional drawing



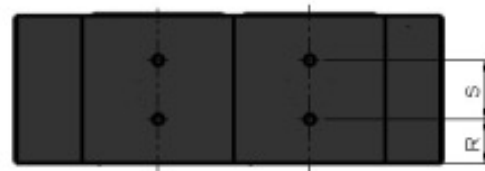
pos.	quantity	description
1	1	fitting left
2	2	block module
3	2	piston
4	2	valve seat
5	3	distance piece
6	2	cylinder
7	1	end cover
8	1	spring
9	2	PTFE-rod seal

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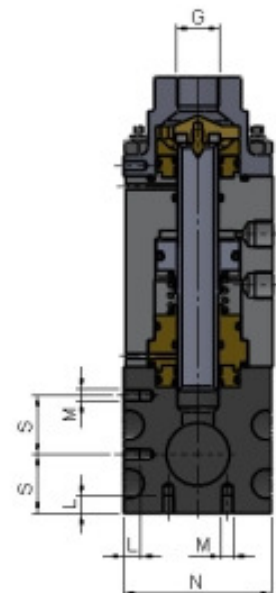
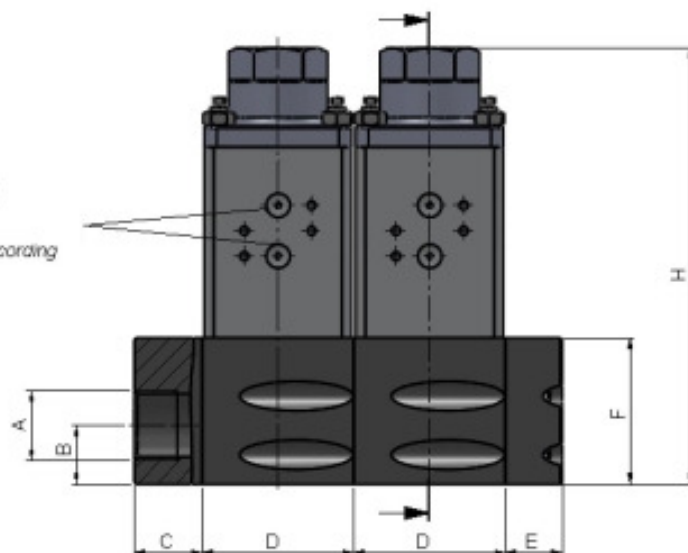
2/2-way coaxial valve

Type 283-X

dimension drawing



control port G1/4
mounting face according to NAMUR



DN	A	B	C	D	E	F	H	G	L	M	R	S	N
[mm]		[mm]	[mm]	[mm]	[mm]	[mm]	[mm]		[mm]		[mm]	[mm]	[mm]
15	G1 1/4	28	32	72	27	69,5	207	3/8 - 1/2 - 3/4	8	M6	21	28	70

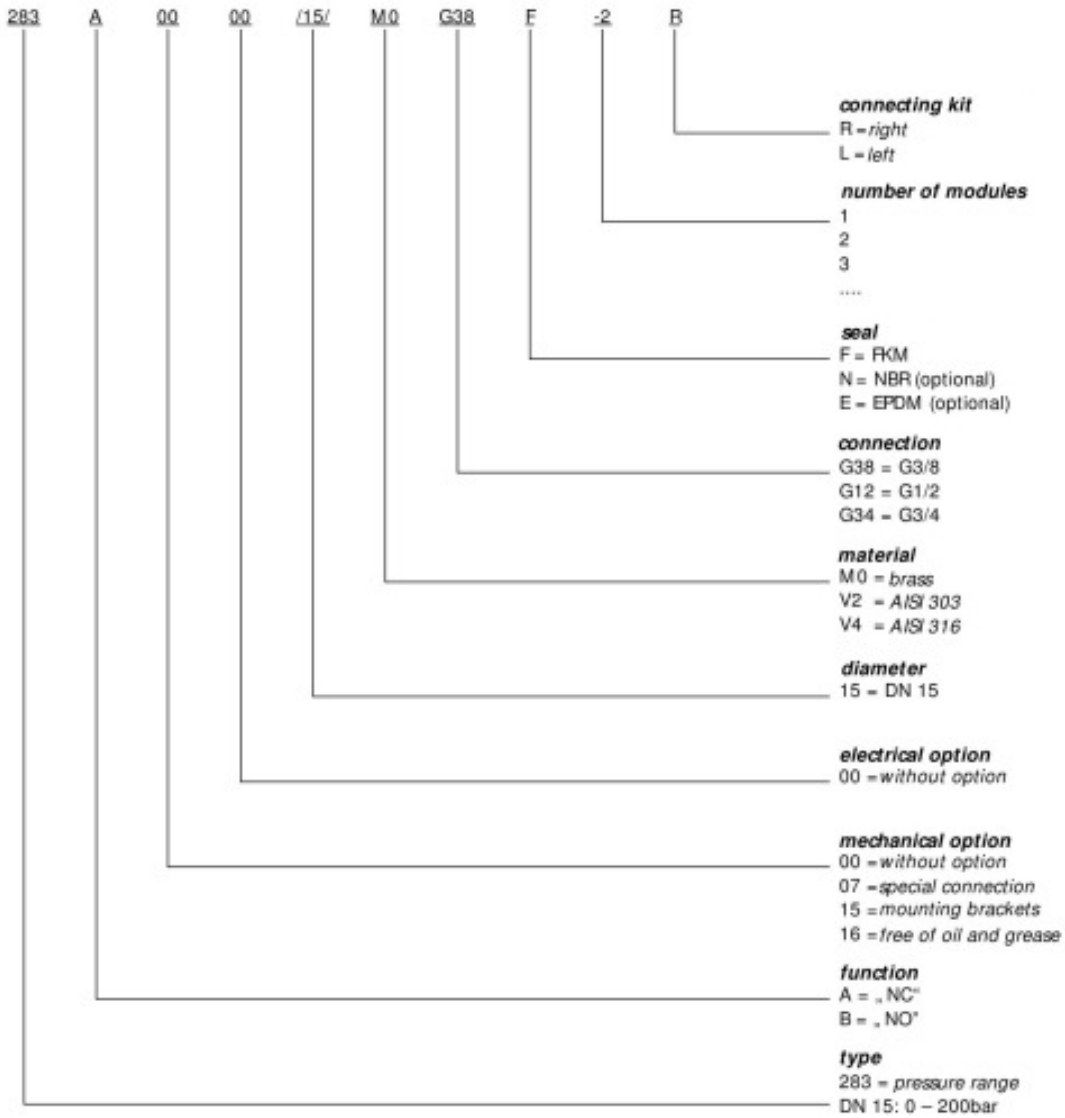
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2/2-way coaxial valve

Type 283-X

type code

structure of the order specification:








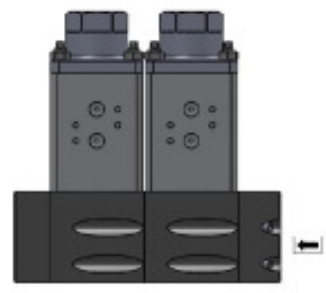

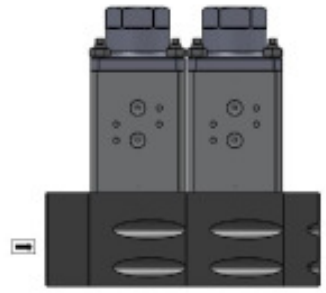
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2/2-way coaxial valve

Type 283-X

accessories

<i>connecting pieces</i>		<i>end covers</i>	
	<i>isolation disc</i>		<i>end cover right</i>
	<i>distance piece</i>		<i>end cover left</i>

<i>connection parts</i>		
	<i>connection part right</i>	
	<i>connection part left</i>	

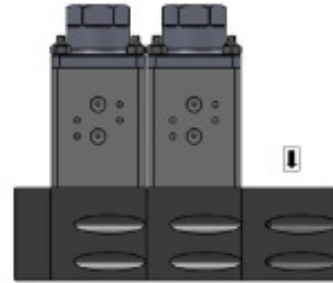
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2/2-way coaxial valve

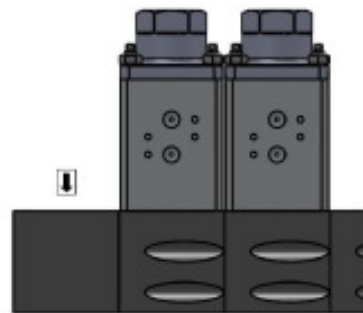
Type 283-X



connection part right 90°



connection part left 90°


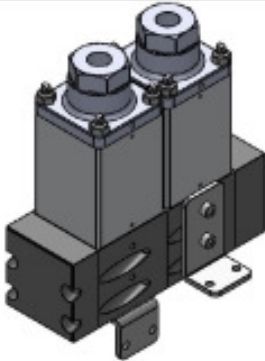


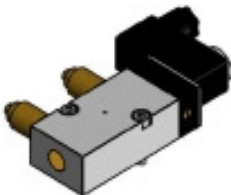
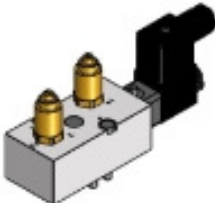
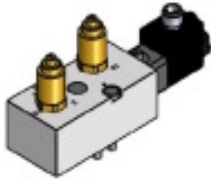


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2/2-way coaxial valve

Type 283-X


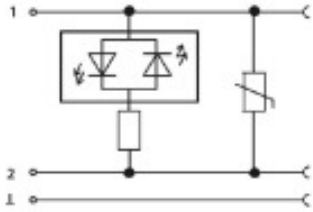



further options

	<p><i>mounting brackets</i></p> <p><i>mechanical option = 15</i></p>	
	<p><i>exhaust air throttle</i></p> <p>G1/8 G1/4</p>	
	<p><i>silencer of sinter bronze casting</i></p> <p>G1/8 G1/4</p>	
	<p><i>5/2-way pilot valve (NAMUR) to flange</i> <i>connections laterally</i></p> <p>24V DC 230V 50Hz</p>	
	<p><i>5/2-way pilot valve (NAMUR) to flange</i> <i>connections above</i></p> <p>24V DC 230V 50Hz</p>	
	<p>Magnet M12x1 <i>5/2-way pilot valve (NAMUR) to flange</i> <i>connections above</i> <i>solenoid M12 x 1</i></p> <p>24V DC 230V 50Hz</p>	

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2/2-way coaxial valve

Type 283-X

	<p>plug with LED electrical option = 20</p>	 <p>The diagram shows a 2/2-way valve with an LED indicator. It features three electrical terminals: 1 (top), 2 (middle), and 3 (bottom). Terminal 1 is connected to the valve's coil. Terminal 2 is connected to the LED's anode through a resistor. Terminal 3 is connected to the LED's cathode through another resistor. The valve's internal mechanism is shown in a cross-section, with a solenoid coil and a valve stem.</p>
	<p>24V DC plug with power reduction form A electrical option = 07</p>	 <p>The graph shows power (P) on the vertical axis and time (t) on the horizontal axis. The power starts at a high level, then drops sharply to a lower, constant level, indicating a power reduction feature.</p>
	<p>explosion proof II 2G Ex m II T4 II 3D IP65 T130°C electrical option = 13</p>	

We gladly coordinate further options and accessories according to your requirements.