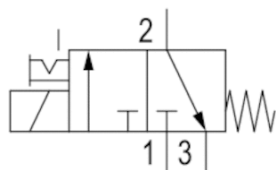
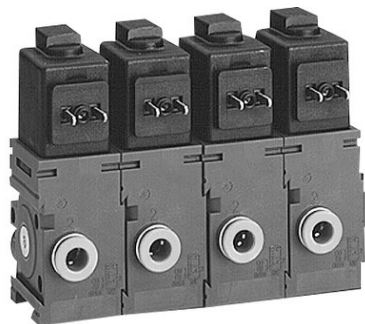


3/2-directional valve, Series 579

- NC
- $Q_n = 50 \text{ l/min}$
- Pipe connection
- Compressed air connection output $\varnothing 6 \times 1$
- Electrical connection Plug, ISO 15217, form C
- Manual override with detent



Type	Poppet valve
Activation	Electrically
Sealing principle	Soft sealing
Working pressure min./max.	0 ... 7 bar
Ambient temperature min./max.	-15 ... 50 °C
Medium temperature min./max.	-15 ... 50 °C
Medium	Compressed air
Max. particle size	5 μm
Oil content of compressed air	0 ... 1 mg/m^3
Nominal flow Q_n	50 l/min
Protection class with connection	IP65
Reverse polarity protection	Protected against polarity reversal
Duty cycle	100 %
Typ. switch-on time	20 ms
Typ. switch-off time	23 ms
Weight	0,079 kg

Technical data

Part No.	MO		Type	Compressed air connection	
				Input	
5790200210		NC	Inlet valve	$\varnothing 8 \times 1$	
5790200220		NC	Inlet valve	$\varnothing 8 \times 1$	
5790200620		NC	Inlet valve	$\varnothing 8 \times 1$	
5790205220		NC	Inlet valve	$\varnothing 8 \times 1$	
5790205270		NC	Inlet valve	$\varnothing 8 \times 1$	
5790205280		NC	Inlet valve	$\varnothing 8 \times 1$	
5790205680		NC	Inlet valve	$\varnothing 8 \times 1$	
5791200210		NC	Stacking valve	-	
5791200220		NC	Stacking valve	-	
5791200620		NC	Stacking valve	-	
5791205220		NC	Stacking valve	-	
5791205270		NC	Stacking valve	-	
5791205280		NC	Stacking valve	-	
5791205680		NC	Stacking valve	-	
5792200210		NC	End valve	-	
5792200220		NC	End valve	-	
5792200620		NC	End valve	-	
5792205220		NC	End valve	-	
5792205270		NC	End valve	-	

Part No.	MO		Type	Compressed air connection
				Input
5792205280		NC	End valve	-
5792205680		NC	End valve	-

Part No.	Compressed air connection	Operational voltage	Operational voltage
	Output	DC	AC 50 Hz
5790200210	Ø 6x1	12 V	-
5790200220	Ø 6x1	24 V	-
5790200620	Ø 6x1	24 V	-
5790205220	Ø 6x1	-	24 V
5790205270	Ø 6x1	-	110 V
5790205280	Ø 6x1	-	230 V
5790205680	Ø 6x1	-	230 V
5791200210	Ø 6x1	12 V	-
5791200220	Ø 6x1	24 V	-
5791200620	Ø 6x1	24 V	-
5791205220	Ø 6x1	-	24 V
5791205270	Ø 6x1	-	110 V
5791205280	Ø 6x1	-	230 V
5791205680	Ø 6x1	-	230 V
5792200210	Ø 6x1	12 V	-
5792200220	Ø 6x1	24 V	-
5792200620	Ø 6x1	24 V	-
5792205220	Ø 6x1	-	24 V
5792205270	Ø 6x1	-	110 V
5792205280	Ø 6x1	-	230 V
5792205680	Ø 6x1	-	230 V

Part No.	Operational voltage	Power consumption	Holding power	Holding power
	AC 60 Hz	DC	AC 50 Hz	AC 60 Hz
5790200210	-	2 W	-	-
5790200220	-	2 W	-	-
5790200620	-	2,1 W	-	-
5790205220	24 V	-	3,1 VA	3,1 VA
5790205270	110 V	-	3 VA	3 VA
5790205280	230 V	-	3,1 VA	3,1 VA
5790205680	230 V	-	3,3 VA	3,3 VA
5791200210	-	2 W	-	-
5791200220	-	2 W	-	-
5791200620	-	2,1 W	-	-
5791205220	24 V	-	3,1 VA	3,1 VA
5791205270	110 V	-	3 VA	3 VA
5791205280	230 V	-	3,1 VA	3,1 VA
5791205680	230 V	-	3,3 VA	3,3 VA
5792200210	-	2 W	-	-
5792200220	-	2 W	-	-
5792200620	-	2,1 W	-	-
5792205220	24 V	-	3,1 VA	3,1 VA

Part No.	Operational voltage	Power consumption	Holding power	Holding power
		DC	AC 50 Hz	AC 60 Hz
5792205270	110 V	-	3 VA	3 VA
5792205280	230 V	-	3,1 VA	3,1 VA
5792205680	230 V	-	3,3 VA	3,3 VA

Part No.	Switch-on power	Switch-on power	LED	Protected against polarity reversal	
	AC 50 Hz	AC 60 Hz			
5790200210	-	-	-	Protected against polarity reversal	-
5790200220	-	-	-	Protected against polarity reversal	-
5790200620	-	-	Red	Protected against polarity reversal	1)
5790205220	4,2 VA	4,2 VA	-	Protected against polarity reversal	-
5790205270	4,2 VA	4,2 VA	-	Protected against polarity reversal	-
5790205280	4,4 VA	4,4 VA	-	Protected against polarity reversal	-
5790205680	4,6 VA	4,6 VA	Red	Protected against polarity reversal	-
5791200210	-	-	-	Protected against polarity reversal	-
5791200220	-	-	-	Protected against polarity reversal	-
5791200620	-	-	Red	Protected against polarity reversal	1)
5791205220	4,2 VA	4,2 VA	-	Protected against polarity reversal	-
5791205270	4,2 VA	4,2 VA	-	Protected against polarity reversal	-
5791205280	4,4 VA	4,4 VA	-	Protected against polarity reversal	-
5791205680	4,6 VA	4,6 VA	Red	Protected against polarity reversal	-
5792200210	-	-	-	Protected against polarity reversal	-
5792200220	-	-	-	Protected against polarity reversal	-
5792200620	-	-	Red	Protected against polarity reversal	1)
5792205220	4,2 VA	4,2 VA	-	Protected against polarity reversal	-
5792205270	4,2 VA	4,2 VA	-	Protected against polarity reversal	-
5792205280	4,4 VA	4,4 VA	-	Protected against polarity reversal	-
5792205680	4,6 VA	4,6 VA	Red	Protected against polarity reversal	-

Nominal flow Q_n at 6 bar and $\Delta p = 1$ bar, MO = Manual override

1) With LED and protective diode for reducing voltage peaks in the solenoid coil, protected against polarity reversal

Technical information

The min. control pressure must be adhered to, since otherwise faulty switching and valve failure may result!

The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C .

The oil content of compressed air must remain constant during the life cycle.

Use only the approved oils from AVENTICS. Further information can be found in the "Technical information" document (available in the MediaCentre).

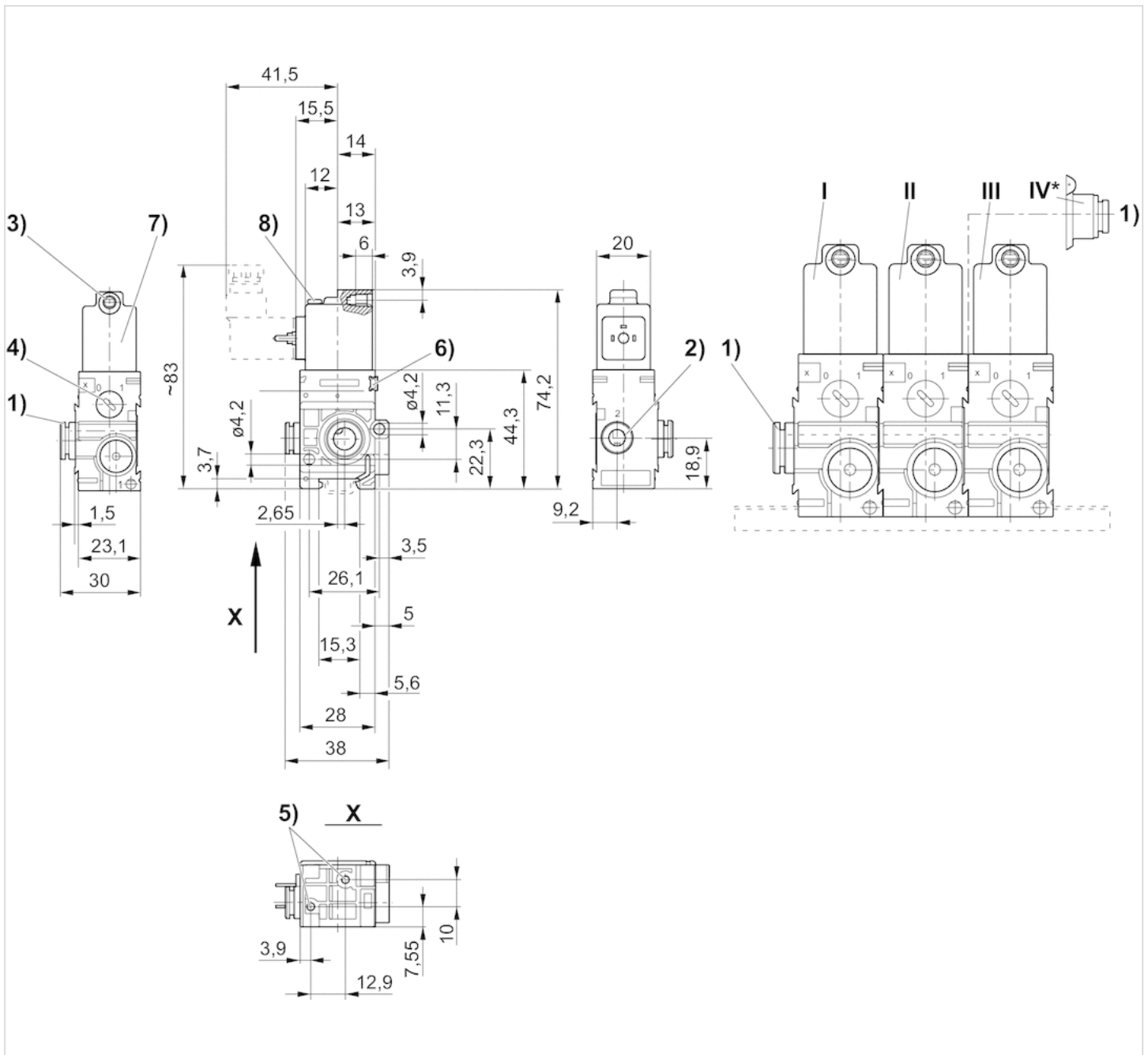
Versions with voltage of less than 50 V DC do not have a protective ground.

Technical information

Material	
Housing	Polyamide
Seals	Acrylonitrile butadiene rubber

Dimensions

Dimensions



- 1) Port 1
- 2) Port 2
- 3) Port 3 core $\varnothing$ for M5
- 4) Manual override
- 5) Pocket hole 6 mm deep for 3.5 self-tapping screw
- 6) Mounting space for name plate
- 7) Coil can be rotated at 180° intervals
- 8) LED

* Air conn. module (item IV) mounted onto stacking valve (item II) permits additional air supply from right hand side. End valve (item III) not required.

I = Inlet valve, II = Stacking valve, III = End valve

Efficient pneumatic solutions, our program: cylinders and drives, valves and valve systems, air supply management



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