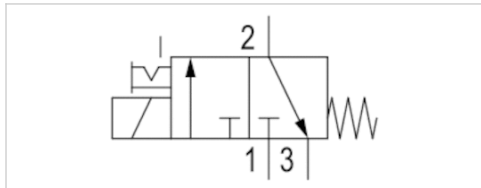








# 3/2-directional valve, Series 579

- Qn = 50 l/min
- Pipe connection
- Compressed air connection output Ø6x1
- Electrical connection Plug, ISO 15217, form C
- Manual override with detent



Version	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 <sup>3</sup>
Nominal flow Qn	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	
5794000210	NC		single valve	Ø6x1	
5794000220	NC		single valve	Ø6x1	
5794000620	NC		single valve	Ø6x1	
5794005220	NC		single valve	Ø6x1	
5794005270	NC		single valve	Ø6x1	
5794005280	NC		single valve	Ø6x1	

Part No.	Compressed air connection		Operational voltage	
	Output		DC	AC 50 Hz
5794000210	Ø6x1		12 V	-
5794000220	Ø6x1		24 V	-
5794000620	Ø6x1		24 V	-
5794005220	Ø6x1		-	24 V
5794005270	Ø6x1		-	110 V
5794005280	Ø6x1		-	230 V

Part No.	Operational voltage	Power consumption	Holding power	Holding power
	AC 60 Hz	DC	AC 50 Hz	AC 60 Hz
5794000210	-	2 W	-	-
5794000220	-	2 W	-	-

Part No.	Operationalvoltage	Power consumption	Holding power	Holding power
	AC 60 Hz	DC	AC 50 Hz	AC 60 Hz
5794000620	-	2,1 W	-	-
5794005220	24 V	-	3,1 VA	3,1 VA
5794005270	110 V	-	3 VA	3 VA
5794005280	230 V	-	3,1 VA	3,1 VA

Part No.	Switch-on power	Switch-on power	LED	Protected against polarity reversal	
	AC 50 Hz	AC 60 Hz			
5794000210	-	-	-	Protected against polarity reversal	-
5794000220	-	-	-	Protected against polarity reversal	-
5794000620	-	-	Red	Protected against polarity reversal	1)
5794005220	4,2 VA	4,2 VA	-	Protected against polarity reversal	-
5794005270	4,2 VA	4,2 VA	-	Protected against polarity reversal	-
5794005280	4,4 VA	4,4 VA	-	Protected against polarity reversal	-

Nominal flow Qn 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

## 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).

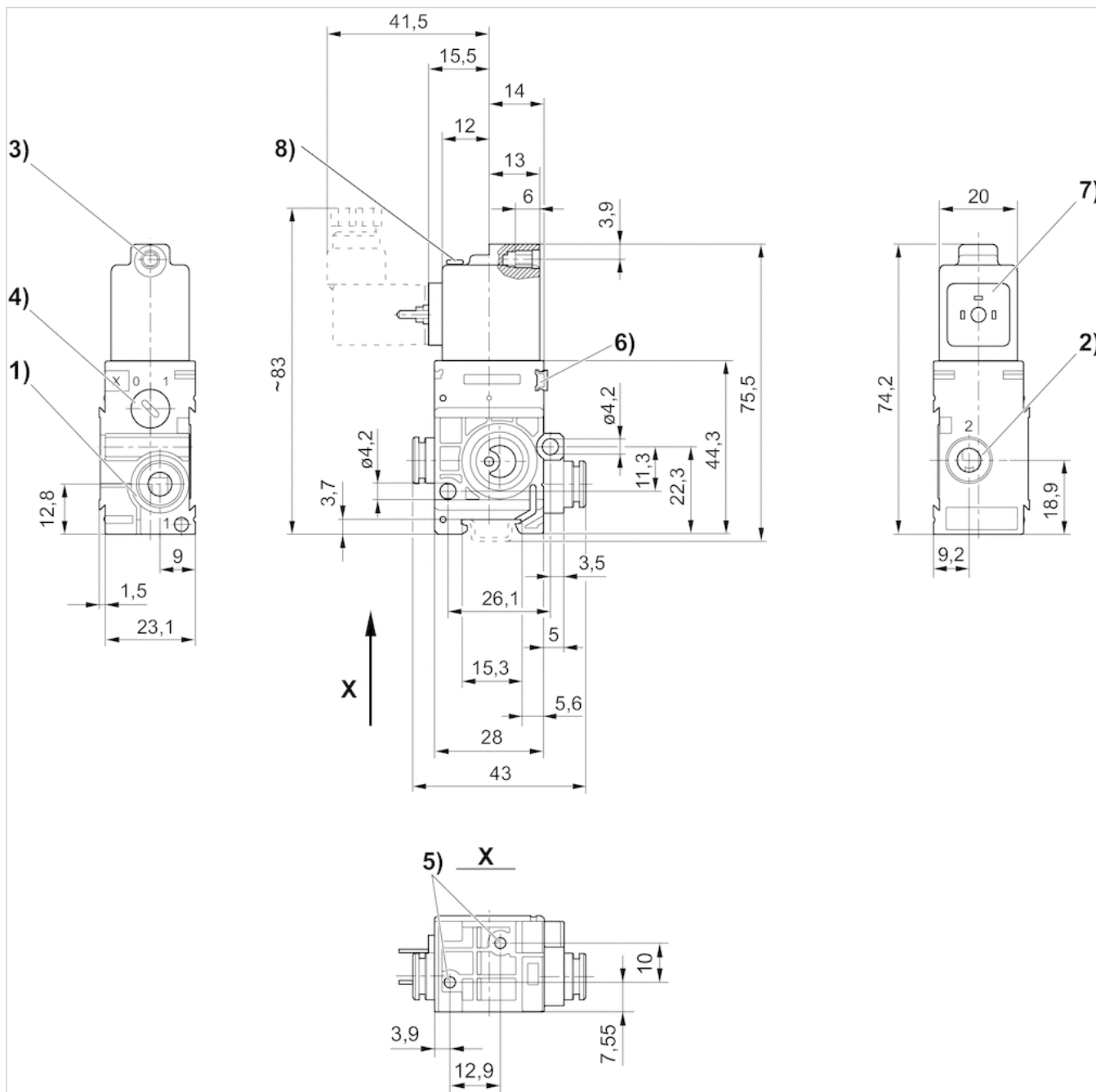
Versions with voltage of less than 50 V DC do not have a protective ground.

## Technical information

Material	
Housing	Polyamide
Seals	Acrylonitrile butadiene rubber

# Dimensions

## Dimensions



1) Port 12) Port 23) Port 3, core Ø for M5) 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