


















## 3/2-directional valve, Series CD07

- Qn = 1400 l/min
- Pilot valve width : 30 mm
- NC NO
- Pipe connection
- Compressed air connection output : M14x1,5
- Electrical connection : Plug, EN 175301-803, form A, 3-pin
- Manual override : with detent
- single solenoid
- With spring return
- Pilot : internal external



Version	Spool valve, positive overlapping
Activation	Electrically
Sealing principle	Soft sealing
Working pressure min./max.	See table below
Control pressure min./max.	3 ... 10 bar
Ambient temperature min./max.	-25 ... 50 °C
Medium temperature min./max.	-25 ... 50 °C
Medium	Compressed air
Max. particle size	50 µm
Oil content of compressed air	0 ... 1 mg/m <sup>3</sup>
Nominal flow Qn	1400 l/min
Nominal flow 1 ► 2	1400 l/min
Nominal flow 2 ► 3	1400 l/min
Pilot control exhaust	with directional pilot air exhaust
Connector standard	EN 175301-803:2006
Reverse polarity protection	Protected against polarity reversal
Compatibility index	13 14
Duty cycle	100 %
Weight	See table below

## Technical data

Part No.		NC/NO	MO	Compressed air connection	
				Input	
5772020220		NC/NO		M14x1,5	
5772025270		NC/NO		M14x1,5	
5772025280		NC/NO		M14x1,5	
5772020770		NC/NO		M14x1,5	
5772025302		NC/NO		M14x1,5	
5772030220		NC/NO		M14x1,5	
5772035280		NC/NO		M14x1,5	
5772035302		NC/NO		M14x1,5	

Part No.	Compressed air connection	
	Output	Exhaust
5772020220	M14x1,5	M14x1,5
5772025270	M14x1,5	M14x1,5
5772025280	M14x1,5	M14x1,5
5772020770	M14x1,5	M14x1,5
5772025302	M14x1,5	M14x1,5
5772030220	M14x1,5	M14x1,5
5772035280	M14x1,5	M14x1,5
5772035302	M14x1,5	M14x1,5

Part No.	Compressed air connection		Operationalvoltage
	Pilot Input	Pilot Exhaust	DC
5772020220	-	-	24 V
5772025270	-	-	-
5772025280	-	-	-
5772020770	-	-	110 V
5772025302	-	-	-
5772030220	G 1/8	M5	24 V
5772035280	G 1/8	M5	-
5772035302	G 1/8	M5	-

Part No.	Operationalvoltage	Operationalvoltage	Voltage tolerance	Voltage tolerance
	AC 50 Hz	AC 60 Hz	DC	AC 50 Hz
5772020220	-	-	-10% / +10%	-
5772025270	110 V	110 V	-	-20% / +10%
5772025280	230 V	230 V	-	-20% / +10%
5772020770	-	-	-20% / +30%	-
5772025302	-	-	-	-
5772030220	-	-	-10% / +10%	-
5772035280	230 V	230 V	-	-20% / +10%
5772035302	-	-	-	-

Part No.	Voltage tolerance	Power consumption	Holding power	Holding power
	AC 60 Hz	DC	AC 50 Hz	AC 60 Hz
5772020220	-	2,1 W	-	-
5772025270	-10% / +20%	-	4,3 VA	3,3 VA
5772025280	-10% / +20%	-	4,8 VA	4,1 VA

Part No.	Voltage tolerance	Power consumption	Holding power	Holding power
	AC 60 Hz	DC	AC 50 Hz	AC 60 Hz
5772020770	-	4,1 W	-	-
5772025302	-	-	-	-
5772030220	-	2,1 W	-	-
5772035280	-10% / +20%	-	4,8 VA	4,1 VA
5772035302	-	-	-	-

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

## 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).

ATEX optional: ATEX version can be produced by combining the basic valve without coil with an ATEX coil. ATEX ID: see ATEX coils catalog page.

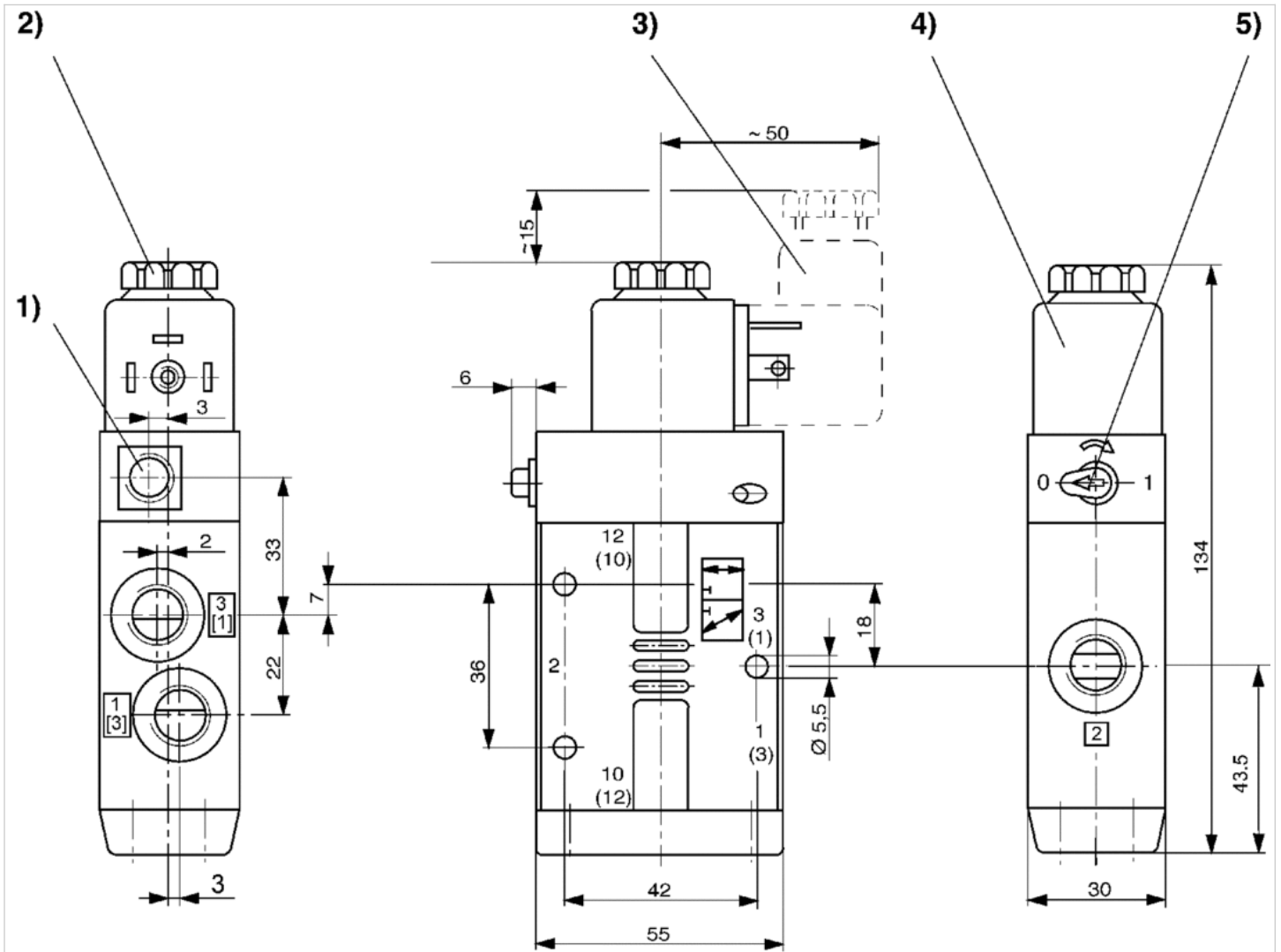
option valve: The input and output compressed air connections can be exchanged. The valve can thereby be used in the NC or NO operating mode.

## Technical information

Material	
Housing	Die cast zinc Polyamide, fiber-glass reinforced
Seals	Acrylonitrile butadiene rubber

# Dimensions

## Dimensions



1) Only with separate pilot control G 1/8 2) After removal of cap M5 internal thread 3) Valve plug connector 4) Coil can be plugged at 45° intervals 5) Manual override