3/2-directional valve, Series CD04

- 3/2
- Qn = 900 l/min
- Pilot valve width : 26 mm
- NC, NO
- Pipe connection
- Compressed air connection output : M10x1
- Electrical connection : Plug, EN 175301-803, form B, 3-pin
- Manual override : with detent
- single solenoid
- With spring return
- Pilot : Internal

Type	Spool valve, positive overlapping
Activation	Electrically
Pilot	Internal
Sealing principle	Soft sealing
Working pressure min./max.	3 ... 10 bar
Control pressure min./max.	3 ... 10 bar
Ambient temperature min./max.	-15 ... 50 °C
Medium temperature min./max.	-15 ... 50 °C
Medium	Compressed air
Max. particle size	50 µm
Oil content of compressed air	0 ... 1 mg/m³
Nominal flow Qn	900 l/min
Nominal flow 1 ▸ 2	900 l/min
Nominal flow 2 ▸ 3	900 l/min
Pilot control exhaust	with directional pilot air exhaust
Connector standard	EN 175301-803:2006
Protection class with connection	IP65
Compatibility index	14
Duty cycle	100 %
Weight	See table below

Technical data

Part No.		MO		Compressed air connection
				Input
5772500220			NC, NO	M10x1
5772505302			NC, NO	M10x1

Part No.	Compressed air connection	Compressed air connection
	Output	Exhaust
5772500220	M10x1	M10x1
5772505302	M10x1	M10x1

Part No.	Compressed air connection	Operational voltage	Voltage tolerance
	Pilot Exhaust	DC	DC
5772500220	M5	24 V	-10% / +10%
5772505302	M5	-	-

Part No.	Power consumption	Typ. switch-on time	Typ. switch-off time
	DC		
5772500220	4,8 W	13 ms	27 ms
5772505302	-	-	-

Part No.	basic valve with electrical connector	Weight
5772500220	-	0,3 kg
5772505302	Basic valve without coil	0,25 kg

Nominal flow Qn at 6 bar and Δp = 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).

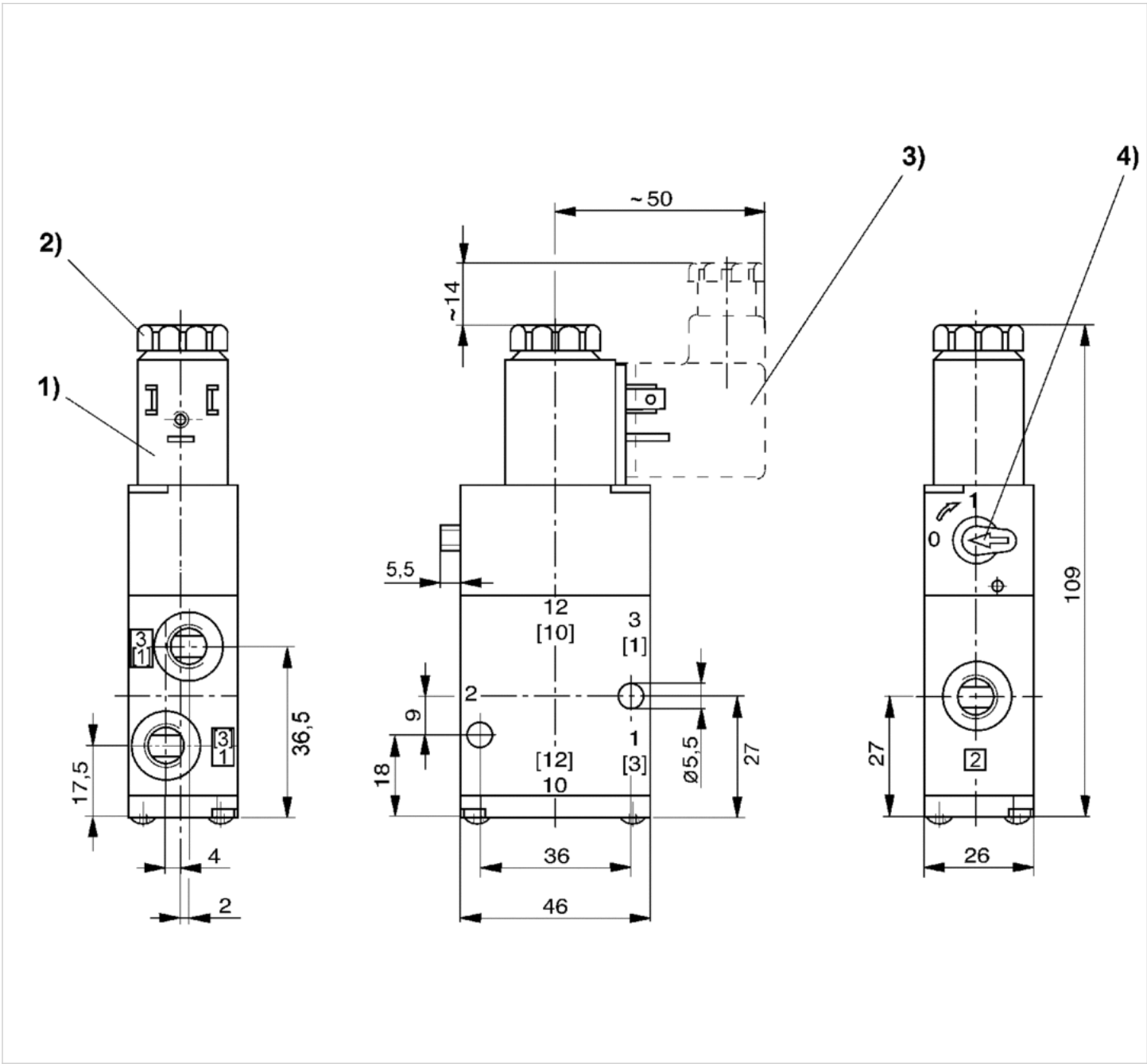
option valve: The input and output compressed air connections can be exchanged.
The valve can thereby be used in the NC or NO operating mode.

Technical information

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

Dimensions

Dimensions



1) Coil can be rotated at 90° intervals 2) After removal of cap M5 internal thread3) Valve plug connector can be plugged at 180° intervals 4) Manual override

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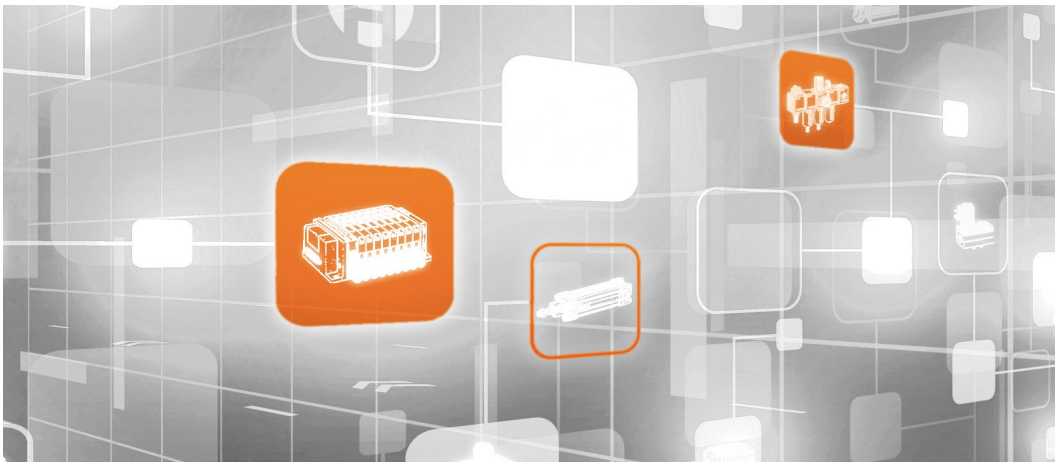

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