

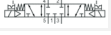
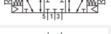
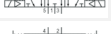
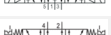
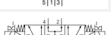
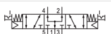
5/3-directional valve, Series CD04

- 5/3
- Qn = 900 l/min
- Pilot valve width : 26 mm
- closed center exhausted center pressurized center
- Pipe connection
- Compressed air connection output : G 1/8
- Electrical connection : Plug, EN 175301-803, form B, 3-pin
- Manual override : with detent
- double solenoid
- With spring return
- Pilot : Internal



Type	Spool valve, positive overlapping
Activation	Electrically
Pilot	Internal
Sealing principle	Soft sealing
Working pressure min./max.	3,5 ... 10 bar
Control pressure min./max.	3,5 ... 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
Compressed air connection	according to ISO 228-1
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 %
Mounting on manifold strip	P-strip
Weight	See table below

Technical data

Part No.		MO		Compressed air connection	
				Input	
5777420220			closed center	G 1/8	
5777425280			closed center	G 1/8	
5777425302			closed center	G 1/8	
5777410220			exhausted center	G 1/8	
5777415280			exhausted center	G 1/8	
5777415302			exhausted center	G 1/8	
5777400220			pressurized center	G 1/8	
5777405280			pressurized center	G 1/8	
5777405302			pressurized center	G 1/8	

Part No.	Compressed air connection		Compressed air connection	
	Output		Exhaust	
5777420220	G 1/8		G 1/8	
5777425280	G 1/8		G 1/8	
5777425302	G 1/8		G 1/8	
5777410220	G 1/8		G 1/8	
5777415280	G 1/8		G 1/8	
5777415302	G 1/8		G 1/8	
5777400220	G 1/8		G 1/8	
5777405280	G 1/8		G 1/8	
5777405302	G 1/8		G 1/8	

Part No.	Compressed air connection	Operational voltage	Operational voltage
	Pilot Exhaust	DC	AC 50 Hz
5777420220	M5	24 V	-
5777425280	M5	-	230 V
5777425302	M5	-	-
5777410220	M5	24 V	-
5777415280	M5	-	230 V
5777415302	M5	-	-
5777400220	M5	24 V	-
5777405280	M5	-	230 V
5777405302	M5	-	-

Part No.	Operational voltage	Voltage tolerance		
		DC	AC 50 Hz	AC 60 Hz
5777420220	-	-10% / +10%	-	-
5777425280	230 V	-	-20% / +10%	-10% / +20%
5777425302	-	-	-	-
5777410220	-	-10% / +10%	-	-
5777415280	230 V	-	-20% / +10%	-10% / +20%
5777415302	-	-	-	-
5777400220	-	-10% / +10%	-	-
5777405280	230 V	-	-20% / +10%	-10% / +20%
5777405302	-	-	-	-

Part No.	Power consumption	Holding power	Holding power	Switch-on power
	DC	AC 50 Hz	AC 60 Hz	AC 50 Hz
5777420220	4,8 W	-	-	-
5777425280	-	7,9 VA	6,4 VA	10,6 VA
5777425302	-	-	-	-
5777410220	4,8 W	-	-	-
5777415280	-	7,9 VA	6,4 VA	10,6 VA
5777415302	-	-	-	-
5777400220	4,8 W	-	-	-
5777405280	-	7,9 VA	6,4 VA	10,6 VA
5777405302	-	-	-	-

Part No.	Switch-on power	Typ. switch-on time	Typ. switch-off time
	AC 60 Hz		
5777420220	-	12 ms	27 ms
5777425280	8,9 VA	12 ms	27 ms
5777425302	-	-	-
5777410220	-	12 ms	27 ms
5777415280	8,9 VA	12 ms	27 ms
5777415302	-	-	-
5777400220	-	12 ms	27 ms
5777405280	8,9 VA	12 ms	27 ms
5777405302	-	-	-

Part No.	basic valve with electrical connector	Weight
5777420220	-	0,5 kg
5777425280	-	0,5 kg
5777425302	Basic valve without coil	0,39 kg
5777410220	-	0,5 kg
5777415280	-	0,5 kg
5777415302	Basic valve without coil	0,39 kg
5777400220	-	0,5 kg
5777405280	-	0,5 kg
5777405302	Basic valve without coil	0,39 kg

Nominal flow Q_n 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.

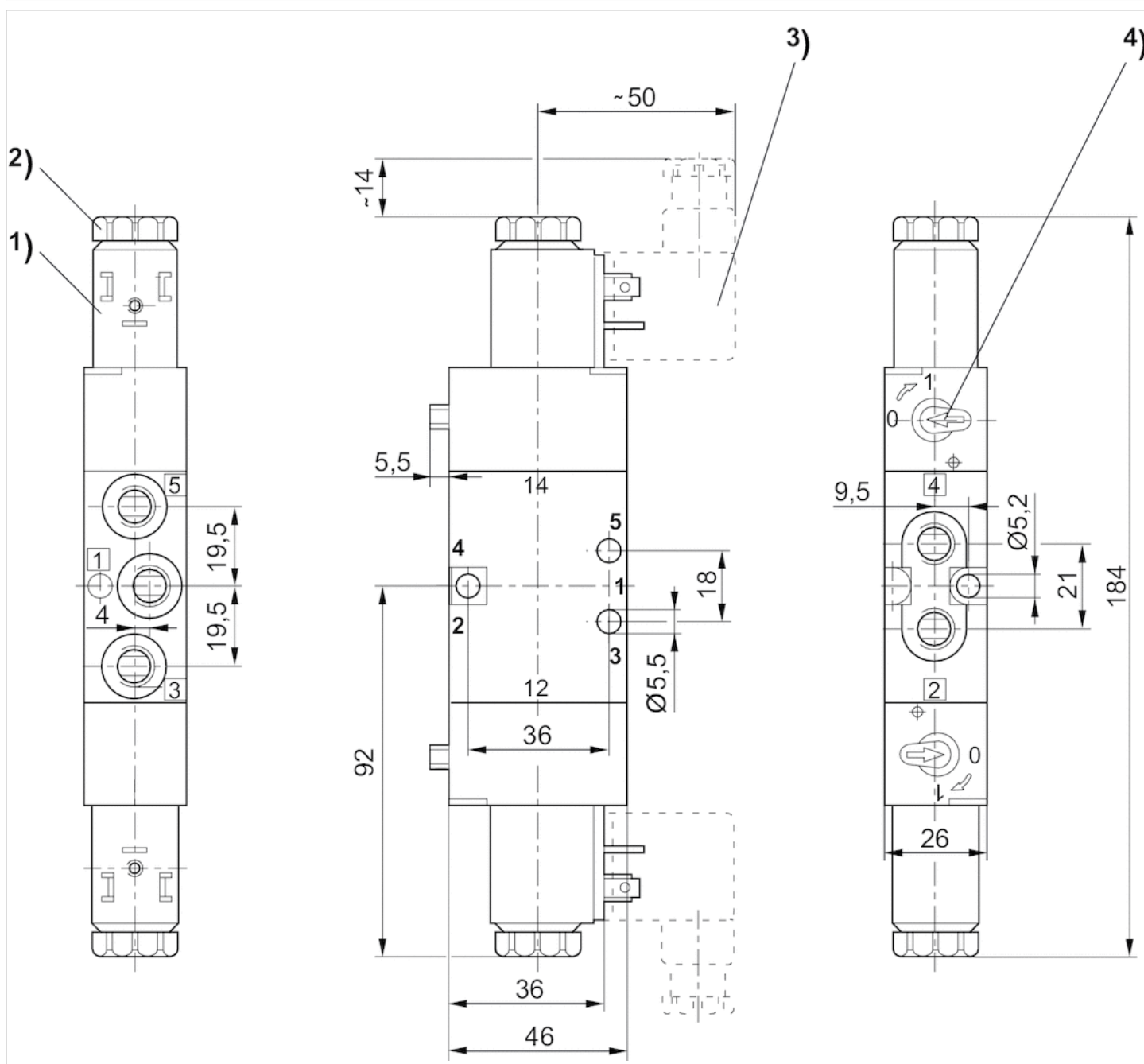
Use only the approved oils from AVENTICS. Further information can be found in the "Technical information" document (available in the MediaCentre).

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 thread 3) Valve plug connector can be plugged at 180° intervals 4) Manual override

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