







5/2-directional valve, Series CD07

- 5/2
- $Q_n = 1200 \text{ l/min}$
- Pilot valve width : 30 mm
- Pipe connection
- Compressed air connection output : G 1/4
- Electrical connection : Plug, EN 175301-803, form A, 3-pin
- -40 °C cold-resistant
- 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.	3,5 ... 10 bar
Control pressure min./max.	3,5 ... 10 bar
Ambient temperature min./max.	-40 ... 50 °C
Medium temperature min./max.	-40 ... 50 °C
Medium	Compressed air
Max. particle size	50 µm
Oil content of compressed air	0 ... 1 mg/m ³
Nominal flow Q_n	1200 l/min
Nominal flow 1 ► 2	1200 l/min
Nominal flow 2 ► 3	1200 l/min
Compressed air connection	according to ISO 228-1
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 %
Typ. switch-on time	25 ms
Typ. switch-off time	45 ms
Mounting on manifold strip	P-strip PRS strip
Weight	0,57 kg

Technical data

Part No.		MO	Compressed air connection	
			Input	Output
5776960220			G 1/4	G 1/4
5776965280			G 1/4	G 1/4
5776965302			G 1/4	G 1/4

Part No.	Compressed air connection	
	Exhaust	Pilot Exhaust
5776960220	G 1/4	M5
5776965280	G 1/4	M5
5776965302	G 1/4	M5

Part No.	Operational voltage		Operational voltage
	DC	AC 50 Hz	AC 60 Hz
5776960220	24 V	-	-
5776965280	-	230 V	230 V
5776965302	-	-	-

Part No.	Voltage tolerance	Voltage tolerance	Voltage tolerance	Power consumption
	DC	AC 50 Hz	AC 60 Hz	DC
5776960220	-10% / +10%	-	-	2,1 W
5776965280	-	-20% / +10%	-10% / +20%	-
5776965302	-	-	-	-

Part No.	Holding power	Holding power	Switch-on power	Switch-on power
	AC 50 Hz	AC 60 Hz	AC 50 Hz	AC 60 Hz
5776960220	-	-	-	-
5776965280	4,8 VA	4,1 VA	6,9 VA	5,8 VA
5776965302	-	-	-	-

Part No.	Protection class	basic valve with electrical connector	ATEX
	with connection		
5776960220	IP65	-	-
5776965280	IP65	-	-
5776965302	-	Basic valve without coil	ATEX optional

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.

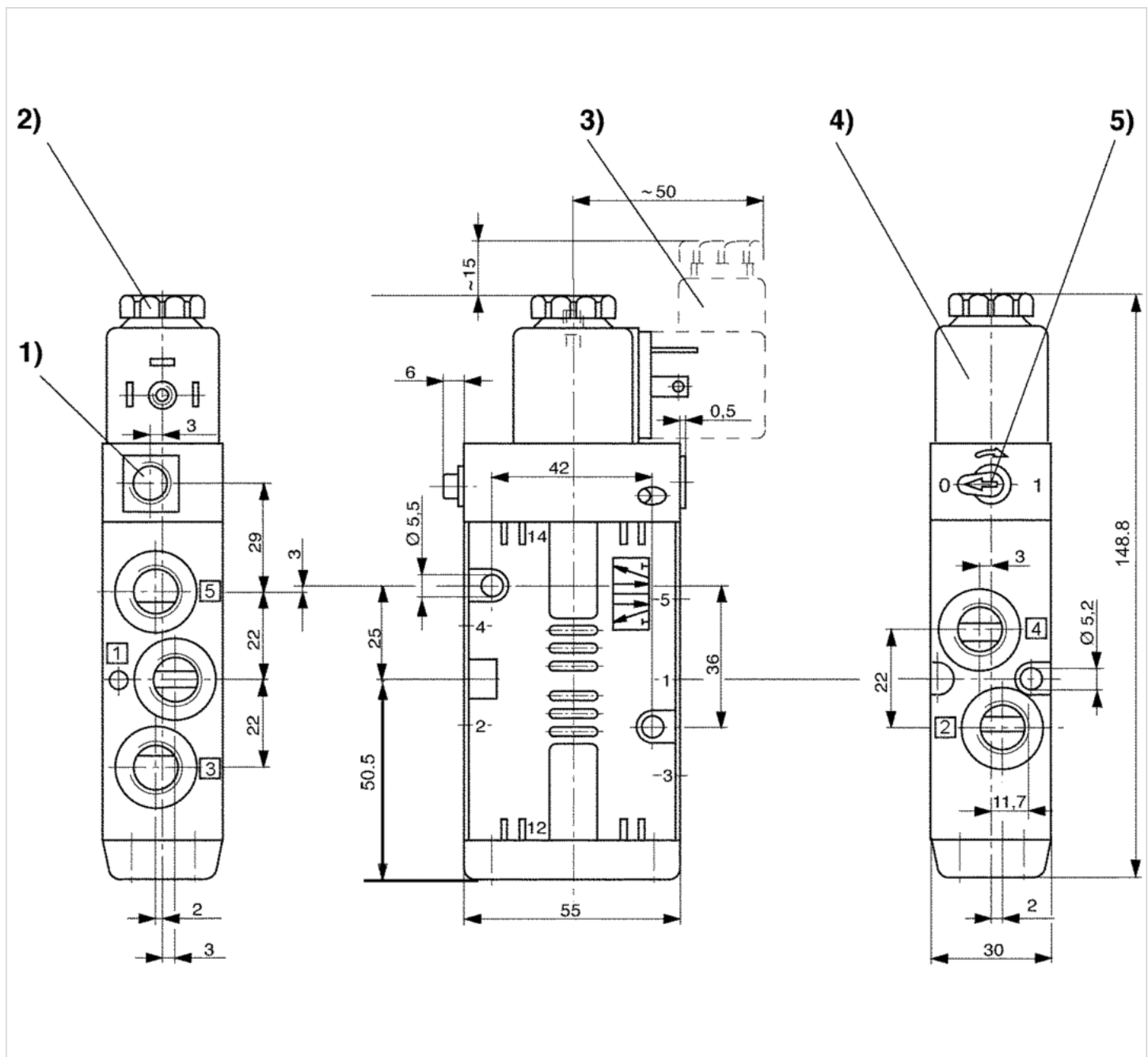
Use only the approved oils from AVENTICS. Further information can be found in the "Technical information" document (available in the MediaCentre).

Technical information

Material	
Housing	Die cast zinc Polyamide fiber-glass reinforced
Seals	Polyurethane

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

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