






5/2-directional valve, Series CD12

- Qn = 4100 l/min
- Pilot valve width : 30 mm
- Pipe connection
- Compressed air connection output : M22x1,5
- Electrical connection : Plug, EN 175301-803, form A, 3-pin
- Manual override : with detent, without detent
- Double solenoid
- 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.	See table below
Ambient temperature min./max.	See table below
Medium temperature min./max.	See table below
Medium	Compressed air
Max. particle size	50 µm
Oil content of compressed air	0 ... 1 mg/m ³
Nominal flow Qn	4100 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	See table below
Duty cycle	100 %
Weight	See table below

Technical data

Part No.		MO	Compressed air connection	
			Input	Output
5725500220		T-R-T-R-T-R-	M22x1,5	M22x1,5
5725505270			M22x1,5	M22x1,5
5725505280			M22x1,5	M22x1,5
5725505202		-	M22x1,5	M22x1,5
R412000244		-	M22x1,5	M22x1,5

Part No.	Compressed air connection	
	Exhaust	Pilot Input
5725500220	M22x1,5	-
5725505270	M22x1,5	-
5725505280	M22x1,5	-
5725505202	M22x1,5	-
R412000244	M22x1,5	G 1/8

Part No.	Compressed air connection		Operational voltage	
	Pilot Exhaust		DC	AC 50 Hz
5725500220	M5		24 V	-
5725505270	M5		-	110 V
5725505280	M5		-	230 V
5725505202	-		-	-
R412000244	-		-	-

Part No.	Operational voltage		Voltage tolerance	
	AC 60 Hz		DC	AC 50 Hz
5725500220	-		-10% / +10%	-
5725505270	110 V		-	-20% / +10%
5725505280	230 V		-	-20% / +10%
5725505202	-		-	-
R412000244	-		-	-

Part No.	Power consumption		Holding power		Switch-on power
	DC		AC 50 Hz	AC 60 Hz	AC 50 Hz
5725500220	2,1 W		-	-	-
5725505270	-		4,3 VA	3,3 VA	6,8 VA
5725505280	-		4,4 VA	3,5 VA	6,9 VA
5725505202	-		-	-	-
R412000244	-		-	-	-



Base valves without pilot valves can be combined with DO30 series valves., Nominal flow Qn at 6 bar and Δp = 1 bar, MO = Manual override

Technical information

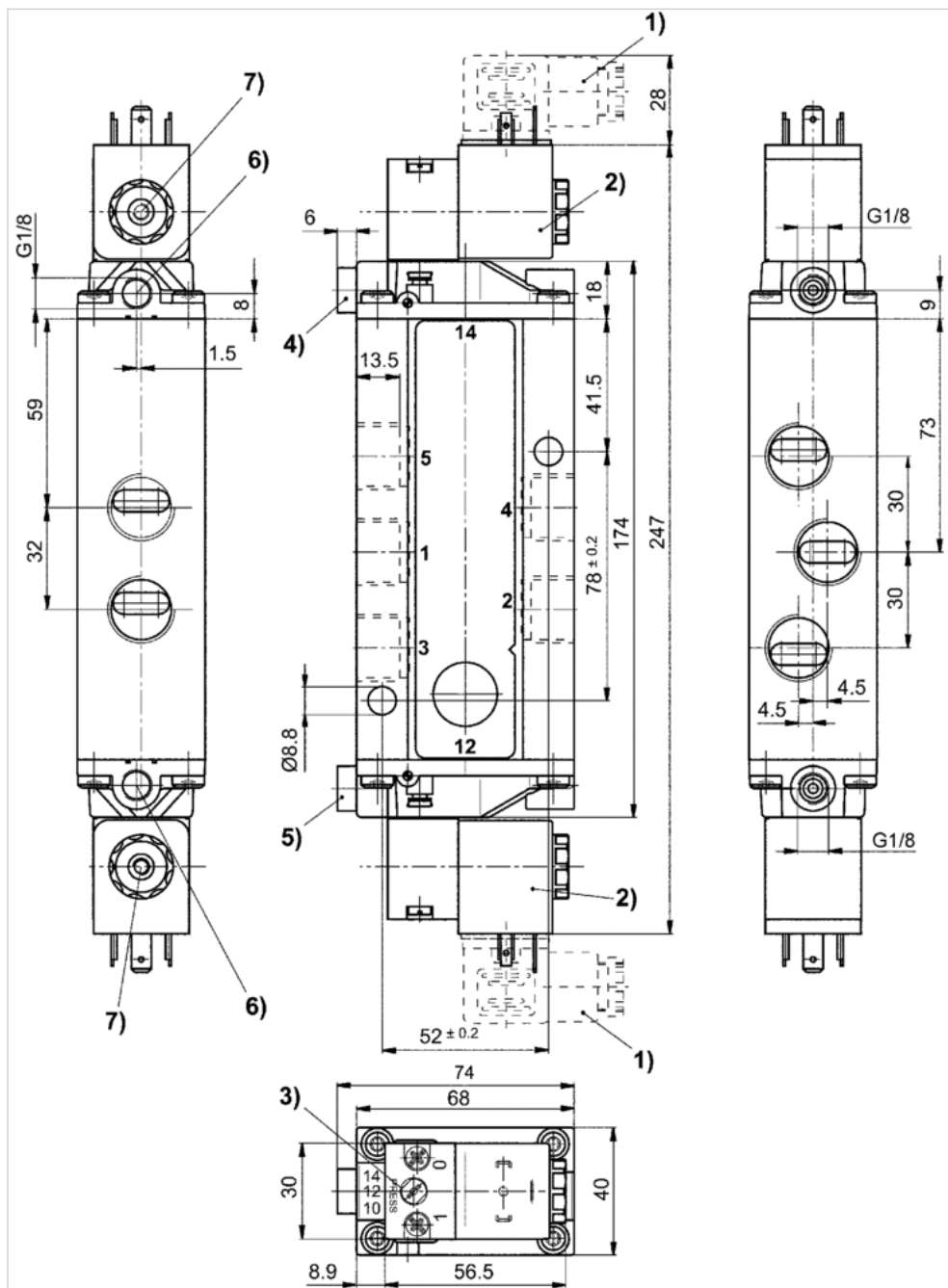
The min. control pressure must be adhered to, since otherwise faulty switching and valve failure may result!
 The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C .
 The oil content of compressed air must remain constant during the life cycle.
 Use only the approved oils from AVENTICS. Further information can be found in the "Technical information" document (available in the MediaCentre).
 *Note: Basic valves feature a maximum working pressure of 16 bar. When combined with standard CNOMO pilots, the maximum working pressure is 10 bar.

Technical information

Material	
Housing	Aluminum Polyamide, fiber-glass reinforced
Seals	Acrylonitrile butadiene rubber Polyurethane

Dimensions

Dimensions



1) Valve plug connector 2) Coil can be rotated at 90° intervals 3) Manual override 4) Port X, side 14 5) Port X, side 12 6) Port without function 7) Pilot valve exhaust, M5