

5/3-directional valve, Series CD12

- Qn 1►2 = 3600-4100 l/min
- Qn 2►3 = 3800-4100 l/min
- Compressed air connection output G 1/2
- With spring return
- Pipe connection
- suitable for ATEX



Type	Spool valve, positive overlapping
Activation	pneumatically
Sealing principle	Soft sealing
Compressed air connection	according to ISO 228-1
Working pressure min./max.	-0,95 ... 16 bar
Control pressure min./max.	3 ... 10 bar
Ambient temperature min./max.	-25 ... 70 °C
Medium temperature min./max.	-25 ... 70 °C
Medium	Compressed air
Max. particle size	50 µm
Oil content of compressed air	0 ... 1 mg/m ³
Weight	0,95 kg

Technical data

Part No.			Compressed air connection	
			Input	Output
5711200050		closed center	G 1/2	G 1/2
5711200060		-	G 1/2	G 1/2
R414002380		-	G 1/2	G 1/2

Part No.	Compressed air connection		Flow	Flow
	Exhaust	Pilot control exhaust	Qn 1►2	Qn 2►3
5711200050	G 1/2	G 1/8	3800 l/min	3800 l/min
5711200060	G 1/2	G 1/8	3600 l/min	4100 l/min
R414002380	G 1/2	G 1/8	4100 l/min	3800 l/min

Nominal flow Qn at 6 bar and $\Delta p = 1$ bar

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.

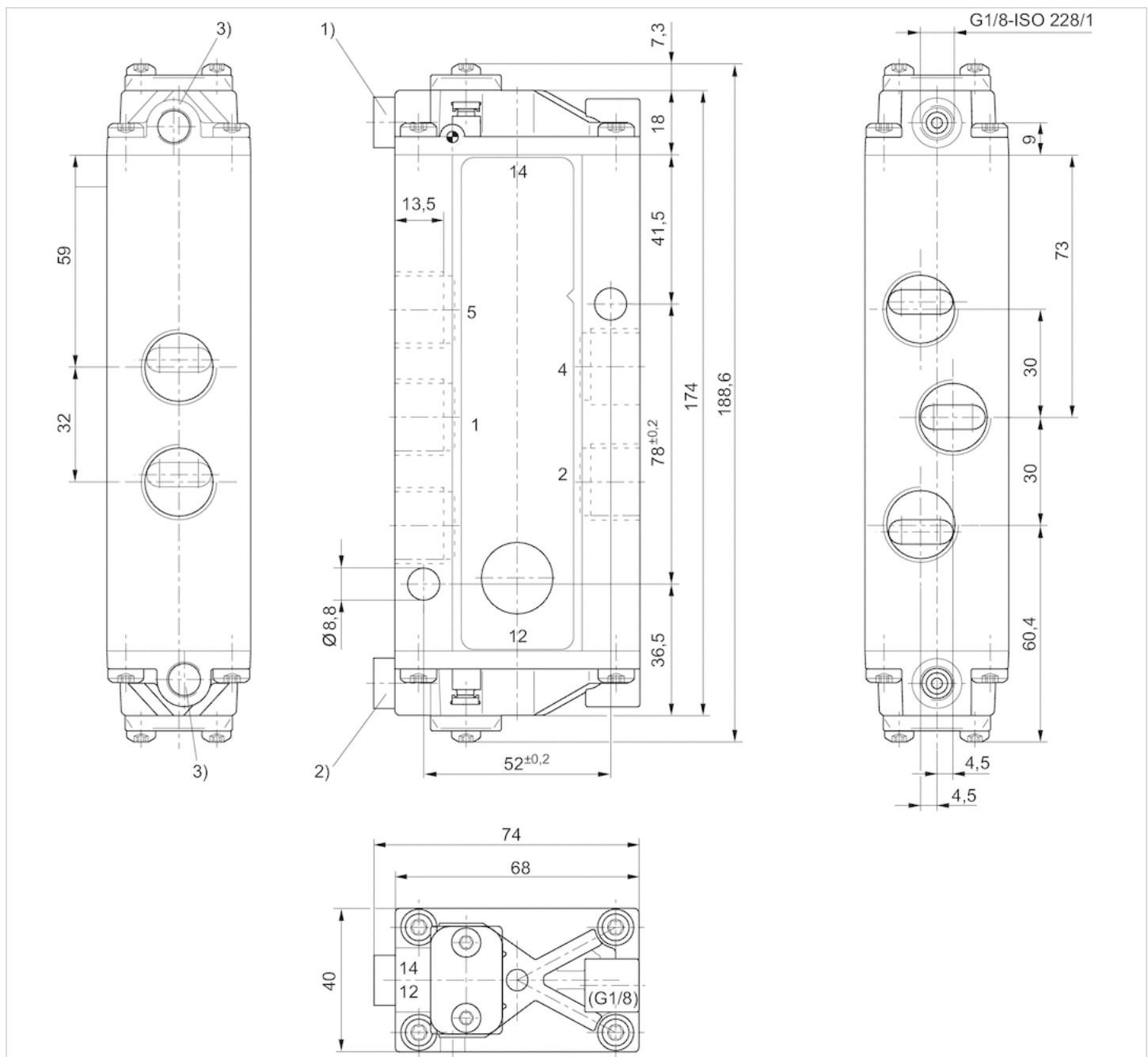
Use only the approved oils from AVENTICS. Further information can be found in the "Technical information" document (available in the MediaCentre).

Technical information

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

Dimensions

Fig. 2, double air pilot



- 1) Port 14
- 2) Port 12
- 3) Port without function

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