
































2 x 3/2-directional valve, Series WV02

- 2x3/2
- Qn = 600 l/min
- Pilot valve width : 15 mm
- NC/NC NO/NO NO/NC
- Pipe connection
- Compressed air connection output : G 1/8
- Electrical connection : Plug, ISO 15217, form C
- Manual override : with detent
- Pilot : Internal



Type	Spool valve, positive overlapping
Activation	Electrically
Pilot	Internal
Sealing principle	Soft sealing
Working pressure min./max.	2,2 ... 10 bar
Control pressure min./max.	2,2 ... 10 bar
Ambient temperature min./max.	0 ... 50 °C
Medium temperature min./max.	0 ... 60 °C
Medium	Compressed air
Max. particle size	5 µm
Oil content of compressed air	0 ... 5 mg/m ³
Nominal flow Qn	600 l/min
Connector standard	ISO 15217
Protection class with connection	IP65
Duty cycle	100 %
Typ. switch-on time	12 ms
Typ. switch-off time	24 ms
Mounting on manifold strip	PRS strip
mounting screws	M3
Weight	0,16 kg

Technical data

Part No.		MO		Compressed air connection	
				Input	
0820037104			NC/NC		G 1/8
0820037102			NC/NC		G 1/8
0820037103			NC/NC		G 1/8
0820037105			NC/NC		G 1/8
0820037101			NC/NC		G 1/8
0820037128			NO/NO		G 1/8
0820037126			NO/NO		G 1/8
0820037127			NO/NO		G 1/8
0820037129			NO/NO		G 1/8
0820037125			NO/NO		G 1/8
0820037153			NO/NC		G 1/8
0820037151			NO/NC		G 1/8
0820037152			NO/NC		G 1/8
0820037154			NO/NC		G 1/8
0820037150			NO/NC		G 1/8

Part No.	Compressed air connection		Operational voltage	
	Output		DC	AC 50 Hz
0820037104	G 1/8		-	24 V
0820037102	G 1/8		24 V	-
0820037103	G 1/8		24 V	-
0820037105	G 1/8		-	110 V
0820037101	G 1/8		-	230 V
0820037128	G 1/8		-	24 V
0820037126	G 1/8		24 V	-
0820037127	G 1/8		24 V	-
0820037129	G 1/8		-	110 V
0820037125	G 1/8		-	230 V
0820037153	G 1/8		-	24 V
0820037151	G 1/8		24 V	-
0820037152	G 1/8		24 V	-
0820037154	G 1/8		-	110 V
0820037150	G 1/8		-	230 V

Part No.	Operational voltage	Voltage tolerance		Voltage tolerance
	AC 60 Hz	DC	AC 50 Hz	AC 60 Hz
0820037104	24 V	-	-10% / +10%	-10% / +10%
0820037102	-	-10% / +10%	-	-
0820037103	-	-10% / +10%	-	-
0820037105	110 V	-	-10% / +10%	-10% / +10%
0820037101	230 V	-	-10% / +10%	-10% / +10%
0820037128	24 V	-	-10% / +10%	-10% / +10%
0820037126	-	-10% / +10%	-	-
0820037127	-	-10% / +10%	-	-

Part No.	Operational voltage	Voltage tolerance	Voltage tolerance	Voltage tolerance
	AC 60 Hz	DC	AC 50 Hz	AC 60 Hz
0820037129	110 V	-	-10% / +10%	-10% / +10%
0820037125	230 V	-	-10% / +10%	-10% / +10%
0820037153	24 V	-	-10% / +10%	-10% / +10%
0820037151	-	-10% / +10%	-	-
0820037152	-	-10% / +10%	-	-
0820037154	110 V	-	-10% / +10%	-10% / +10%
0820037150	230 V	-	-10% / +10%	-10% / +10%

Part No.	Power consumption	Holding power	Holding power	Switch-on power
	DC	AC 50 Hz	AC 60 Hz	AC 50 Hz
0820037104	-	1,6 VA	1,4 VA	2,2 VA
0820037102	2 W	-	-	-
0820037103	1 W	-	-	-
0820037105	-	1,6 VA	1,4 VA	2,2 VA
0820037101	-	1,6 VA	1,4 VA	2,2 VA
0820037128	-	1,6 VA	1,4 VA	2,2 VA
0820037126	2 W	-	-	-
0820037127	1 W	-	-	-
0820037129	-	1,6 VA	1,4 VA	2,2 VA
0820037125	-	1,6 VA	1,4 VA	2,2 VA
0820037153	-	1,6 VA	1,4 VA	2,2 VA
0820037151	2 W	-	-	-
0820037152	1 W	-	-	-
0820037154	-	1,6 VA	1,4 VA	2,2 VA
0820037150	-	1,6 VA	1,4 VA	2,2 VA

Part No.	Switch-on power	
	AC 60 Hz	
0820037104	2 VA	-
0820037102	-	-
0820037103	-	1)
0820037105	2 VA	-
0820037101	2 VA	-
0820037128	2 VA	-
0820037126	-	-
0820037127	-	1)
0820037129	2 VA	-
0820037125	2 VA	-
0820037153	2 VA	-
0820037151	-	-
0820037152	-	1)
0820037154	2 VA	-
0820037150	2 VA	-

1) Low power consumption

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.

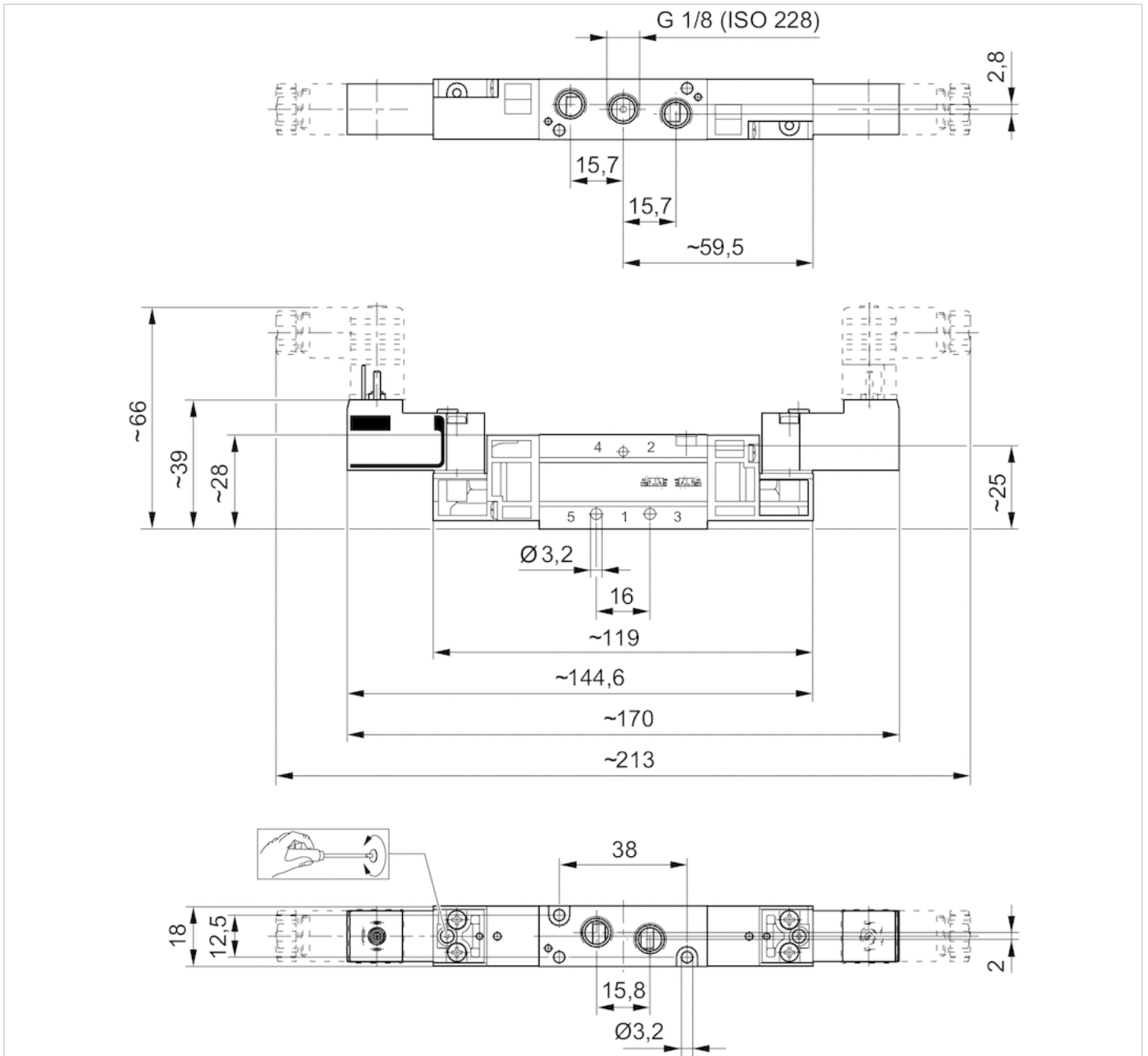
Use only the approved oils from AVENTICS. Further information can be found in the "Technical information" document (available in the MediaCentre).

Technical information

Material	
Housing	Aluminum, anodized
Seals	Hydrogenated acrylonitrile butadiene rubber
Front plate	Polyamide
Threaded bushing	Aluminum

Dimensions

Dimensions



Efficient pneumatic solutions, our program: cylinders and drives, valves and valve systems, air supply management



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