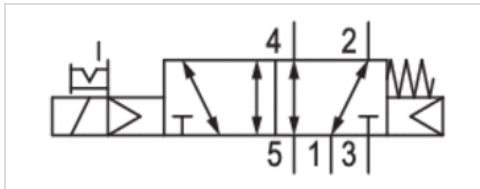























5/2-directional valve, Series WV02

- Qn = 500 l/min
- Pilot valve width : 15 mm
- Pipe connection
- Compressed air connection output : G 1/8
- Electrical connection : Plug, ISO 15217, form C
- Manual override : with detent
- single solenoid
- with spring/air spring return
- Pilot : internal



Version	Spool valve, positive overlapping
Activation	Electrically
Pilot	internal
Sealing principle	Soft sealing
Working pressure min./max.	See table
Control pressure min./max.	See table
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	500 l/min
Connector standard	ISO 15217
Protection class with connection	IP65
Duty cycle	100 %
Mounting on manifold strip	PRS strip
mounting screws	M3
Weight	See table

Technical data

Part No.		MO	Compressed air connection	
			Input	Output
0820038128			G 1/8	G 1/8
0820038126			G 1/8	G 1/8
0820038127			G 1/8	G 1/8
0820038129			G 1/8	G 1/8
0820038125			G 1/8	G 1/8
0820038628			G 1/8	G 1/8
0820038626			G 1/8	G 1/8
0820038627			G 1/8	G 1/8
0820038629			G 1/8	G 1/8
0820038625			G 1/8	G 1/8

Part No.	Operational voltage	Operational voltage	Operational voltage	Voltage tolerance
	DC	AC 50 Hz	AC 60 Hz	DC
0820038128	-	24 V	24 V	-
0820038126	24 V	-	-	-10% / +10%
0820038127	24 V	-	-	-10% / +10%
0820038129	-	110 V	110 V	-
0820038125	-	230 V	230 V	-
0820038628	-	24 V	24 V	-
0820038626	24 V	-	-	-10% / +10%
0820038627	24 V	-	-	-10% / +10%
0820038629	-	110 V	110 V	-
0820038625	-	230 V	230 V	-

Part No.	Voltage tolerance	Voltage tolerance	Power consumption	Holding power
	AC 50 Hz	AC 60 Hz	DC	AC 50 Hz
0820038128	-10% / +10%	-10% / +10%	-	1,6 VA
0820038126	-	-	2 W	-
0820038127	-	-	1 W	-
0820038129	-10% / +10%	-10% / +10%	-	1,6 VA
0820038125	-10% / +10%	-10% / +10%	-	1,6 VA
0820038628	-10% / +10%	-10% / +10%	-	1,6 VA
0820038626	-	-	2 W	-
0820038627	-	-	1 W	-
0820038629	-10% / +10%	-10% / +10%	-	1,6 VA
0820038625	-10% / +10%	-10% / +10%	-	1,6 VA

Part No.	Holding power	Switch-on power	Switch-on power	Working pressure min./max.
	AC 60 Hz	AC 50 Hz	AC 60 Hz	
0820038128	1,4 VA	2,2 VA	2 VA	2 ... 10 bar
0820038126	-	-	-	2 ... 10 bar
0820038127	-	-	-	2 ... 10 bar
0820038129	1,4 VA	2,2 VA	2 VA	2 ... 10 bar
0820038125	1,4 VA	2,2 VA	2 VA	2 ... 10 bar
0820038628	1,4 VA	2,2 VA	2 VA	1,5 ... 10 bar
0820038626	-	-	-	1,5 ... 10 bar

Part No.	Holding power	Switch-on power	Switch-on power	Working pressure min./max.
	AC 60 Hz	AC 50 Hz	AC 60 Hz	
0820038627	-	-	-	1,5 ... 10 bar
0820038629	1,4 VA	2,2 VA	2 VA	1,5 ... 10 bar
0820038625	1,4 VA	2,2 VA	2 VA	1,5 ... 10 bar

Part No.	Control pressure min./max.	Typ. switch-on time	Typ. switch-off time	Weight	
0820038128	2 ... 10 bar	11 ms	14 ms	0,11 kg	-
0820038126	2 ... 10 bar	11 ms	14 ms	0,11 kg	-
0820038127	2 ... 10 bar	12 ms	16 ms	0,11 kg	1)
0820038129	2 ... 10 bar	11 ms	14 ms	0,11 kg	-
0820038125	2 ... 10 bar	11 ms	14 ms	0,11 kg	-
0820038628	1,5 ... 10 bar	8 ms	-	0,16 kg	-
0820038626	1,5 ... 10 bar	8 ms	-	0,16 kg	-
0820038627	1,5 ... 10 bar	10 ms	-	0,16 kg	1)
0820038629	1,5 ... 10 bar	8 ms	-	0,16 kg	-
0820038625	1,5 ... 10 bar	8 ms	-	0,16 kg	-

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

