Directional valves → Supplementary products

2 x 3/2-way valve, Series WV02

► Qn = 600 l/min ► pipe connection ► compressed air connection output: G 1/8 ► Electr. connection: Plug, ISO 15217, form C ► Manual override: without detent

00108691

Version	Spool valve, zero overlap
Pilot	internal
Sealing principle	soft sealing
Mounting on manifold strip	PRS strip
Working pressure min./max.	2.2 bar / 10 bar
Control pressure min./max.	2.2 bar / 10 bar
Ambient temperature min./max.	+0°C / +50°C
Medium temperature min./max.	+0°C / +60°C
Medium	Compressed air
Max. particle size	5 µm
Oil content of compressed air	0 mg/m³ - 5 mg/m³
Connector standard	ISO 15217:2000
Degree of protectionwith electrical connector/plug	IP 65
Duty cycle	100 %
Switch-on time	12 ms
Mounting screw	M3
Weight	See table below
Materials:	
Housing	Aluminum, anodized
Seals	Hydrogenated acrylonitrile butadiene rubber
Front plate	Polyamide
Threaded bushing	Aluminum

Technical Remarks

- 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 Bosch Rexroth, see chapter „Technical information“.

Operating voltage			Voltage tolerance			Power consumption	Switch-on power		Holding power	
DC	AC 50 Hz	AC 60 Hz	DC	AC 50 Hz	AC 60 Hz	DC	AC 50 Hz	AC 60 Hz	AC 50 Hz	AC 60 Hz
						W	VA	VA	VA	VA
-	24 V	24 V	-	-10% / +10%	-10% / +10%	-	2.2	2	1.6	1.4
24 V	-	-	-10% / +10%	-	-	2	-	-	-	-
24 V	-	-	-10% / +10%	-	-	1	-	-	-	-
-	110 V	110 V	-	-10% / +10%	-10% / +10%	-	2.2	2	1.6	1.4
-	230 V	230 V	-	-10% / +10%	-10% / +10%	-	2.2	2	1.6	1.4

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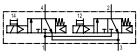
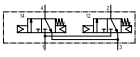
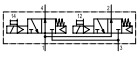
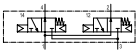
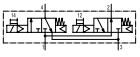
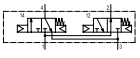
		MO	Compressed air connection		Operating voltage			Holding power	Holding power	Switch-on power	Switch-on power	Part No.
			Input	Output	DC	AC 50 Hz	AC 60 Hz	AC 50 Hz	AC 60 Hz	AC 50 Hz	AC 60 Hz	
	NC/ NC		G 1/8	G 1/8	-	24 V	24 V	1.6	1.4	2.2	2	0820037004
					24 V	-	-	-	-	-	-	**0820037002**
					24 V	-	-	-	-	-	-	0820037003
					-	110 V	110 V	1.6	1.4	2.2	2	0820037005
					-	230 V	230 V	1.6	1.4	2.2	2	0820037001
	NC/ NC	-	G 1/8	G 1/8	-	-	-	-	-	-	-	0820037901
	NO/ NO		G 1/8	G 1/8	-	24 V	24 V	1.6	1.4	2.2	2	0820037028
					24 V	-	-	-	-	-	-	0820037026
					24 V	-	-	-	-	-	-	0820037027
					-	110 V	110 V	1.6	1.4	2.2	2	0820037029
					-	230 V	230 V	1.6	1.4	2.2	2	0820037025
	NO/ NO	-	G 1/8	G 1/8	-	-	-	-	-	-	-	0820037902
	NO/ NC		G 1/8	G 1/8	-	24 V	24 V	1.6	1.4	2.2	2	0820037053
					24 V	-	-	-	-	-	-	0820037051
					24 V	-	-	-	-	-	-	0820037052
					-	110 V	110 V	1.6	1.4	2.2	2	0820037054
					-	230 V	230 V	1.6	1.4	2.2	2	0820037050
	NO/ NC	-	G 1/8	G 1/8	-	-	-	-	-	-	-	0820037903

Part No.	Flow rate value	Switch-off time	Weight	Note
	Qn			
	[l/min]	[ms]	[kg]	
0820037004				-
0820037002				-
0820037003	600	24	0.16	1)
0820037005				-
0820037001				-
0820037901	600	-	0.1	2)
0820037028				-
0820037026				-
0820037027	600	24	0.16	1)
0820037029				-
0820037025				-
0820037902	600	-	0.1	2)
0820037053				-
0820037051				-
0820037052	600	24	0.16	1)
0820037054				-
0820037050				-
0820037903	600	-	0.1	2)

1) Low power consumption
2) Basic valve without coil

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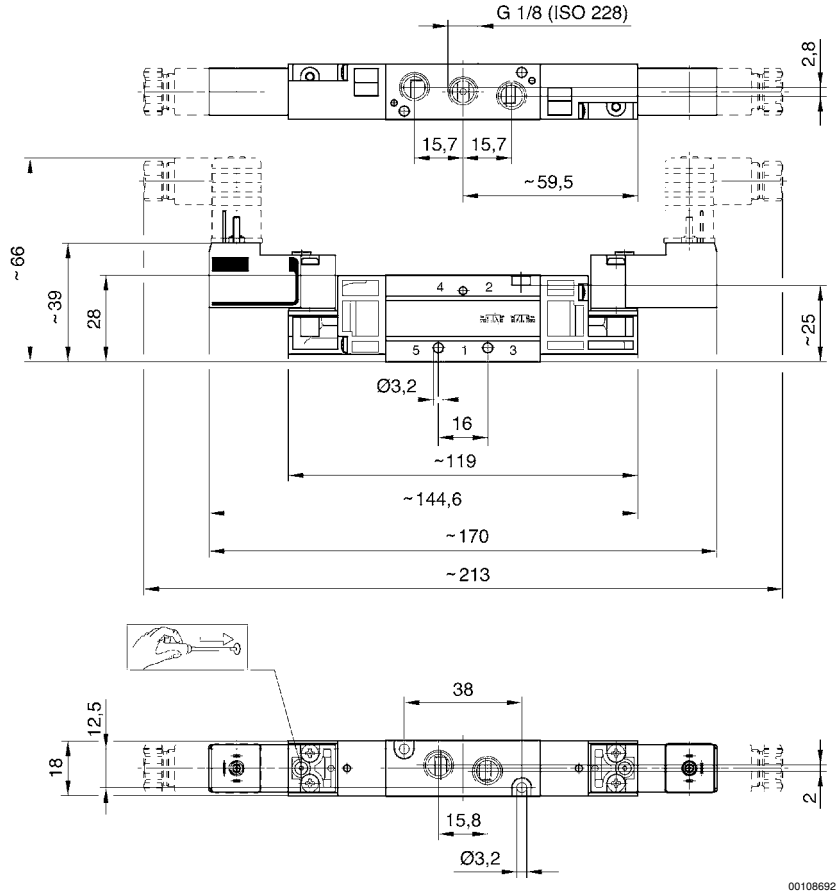
Dimensions