

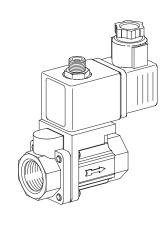
2/2-Way Solenoid Valve - Type EGV Series 300

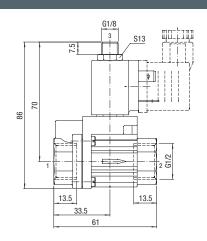
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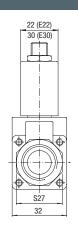
"C" in 0 position "1" closed, "2" low noise and impact-free closing, after "3" discharged for neutral, gaseous or fluids

Version			Kv-value water [m³/h]	G	PN	Possible type of power	Sealing material	Туре	Order number	Price
	Valve port 3:1.8DV	13	3.2	G 1/2	12.5	AC/DC	NBR	EGV-321-C69-1/2BN-00	613421	o. r.
	without solenoid coil Permitted operating pressure 0.3 bar up to value according to table below.	13	3.2	G 1/2	12.5	AC/DC	EPDM	EGV-321-C69-1/2PN-00	613423	0. r.
1 3		13	3.2	G 1/2	12.5	AC/DC	FKM	EGV-321-C69-1/2FN-00	613425	o. r.

Illustration

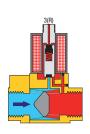




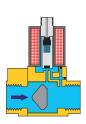


Cable sockets adaptable with solenoid coil E22 by 2 x 180°, with E30 by 4 x 90° repositionable. Both solenoid coils 360° rotatable.

Function



In 0-position - magnetic system not under power - its seat is closed. Pressure thus builds up in the control chamber, which due to the larger effective membrane surface holds the membrane in "closed" position. Simultaneously the secondary side is ventilated via "3".



In overrideal position magnetic system under power - its seat is open, the control chamber released and the membrane is held by the flow medium in "open" position. A minimum pressure difference is required for this.

Variations



2/2-way flange mount Solenoid valve Flange-side pressure inlet Type EGV-321-CH9-...



Options

Stepwise manual override Type EGV-322-... This limits:

permitted excess operating pressure: 12.5 bar permitted Medium temperature: max. 60°C



Membrane made of other material: CR (chloroprene) optimal for compressed air HNBR (NBR with higher nitrile content) specially for certain synthetic oils



increases resistance to corrosion, and replaces stainless steel valves cost-effectively for many flow medium Type EGV-321Q-...

Permitted Operating Pressure OP

			Combinable solenoid coil				Permitted Operating Pressure OP [bar] at ambient temperature +60 °C														
				Nominal power P ₂₀		AC 50 Hz			AC 60 Hz					DC			DC				
DN	Type	PN	Туре	50 Hz 60	AC 60 Hz	-	90 %U _N Medium temperature			90 %U _N Medium temperature			90 %U _N Medium temperatur		iture	90 %U _N Mediu	um temperature		100 %U _N Medium temperature		
					[VA]	[W]	60 °C	90 °C	130 °C	60 °C	90 °C	130 °C	60 °C	90 °C	130 °C	60 °C	90 °C	130 °C	60 °C	90 °C	130 °C
		10.5	E22L.	3.5	on req.	2.5	on req.	on req.	on req.	on req.	on req.	on req.	on req.	on req.	on req.	on req.	on req.	on req.	on req.	on req.	on req.
10	10 500 001 0		E22M.	5.5	5	5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5
13	EGV-321-C	12.5	E22H.	-	-	8	-	-	-	-	-	-	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5
			E30P.	12	10.5	8	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5