

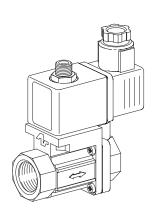
2/2-Way Solenoid Valve - Type EGV Series 300

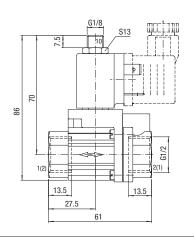
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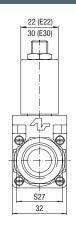
Function "2" normally closed with existing auxiliary pressure at port "10" | Low noise and impact-free closing, for neutral, gaseous or fluids

Version		DN	Kv-value water [m³/h]	G	PN	Possible type of power	Sealing material	Туре	Order number	Price
2(1)	Valve without solenoid coil Permitted operating pressure 0.3 bar up to value according to table below, double-sided blocking. Permitted control pressure at "10" ≥ Operating pressure, max. 16 bar	13	3.2	G 1/2	16	AC/DC	NBR	EGV-311-Z76-1/2BP-00	613431	0. r.
1000		13	3.2	G 1/2	16	AC/DC	EPDM	EGV-311-Z76-1/2PP-00	613433	0. r.
1(2)		13	3.2	G 1/2	16	AC/DC	FKM	EGV-311-Z76-1/2FP-00	613435	0. r.

Illustration

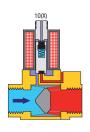




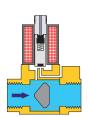


Cable sockets adaptable with solenoid coil E22 by 2 x 180°, with E30 by 4 x 90° repositionable. Both solenoid coils 360° rotatable

Function



In 0-position - magnetic system not under power its seat is closed. The auxiliary pressure accumulated at "10" thus builds up in the control chamber and holds the membrane in "closed" position.



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

Variations



2/2-way flange mount Solenoid valve Flange-side pressure inlet Type EGV-311-ZL7-.

Options



Stepwise manual override Type EGV-312-... This limits: permitted excess operating pressure: 12 5 har 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-311Q-.



0-pressure membrane requires no differential pressure to open, however to close requires control pressure 1 bar above operating pressure Type EGV-311-Z76-./..0-...

Permitted Operating Pressure OP

		PN	Combinable solenoid coil				Permitted Operating Pressure OP [bar] at ambient temperature +60 °C														
			Туре	Nominal power P ₂₀			AC 50 Hz			AC 60 Hz			DC O		DC			DC			
DN	Type			AC 50 Hz [VA]	AC 60 Hz	DC	90 %U _N Medium temperature			90 %U _N Medium temperature			90 %U _N Medium temperature		90 %U _N Medium 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
	EGV-311-Z	16	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.
13			E22M.	5.5	5	5	16	16	16	16	16	16	16	16	on req.	on req.	on req.	on req.	on req.	on req.	on req.
13			E22H.	-	-	8	-	-	-	-	-	-	16	16	16	16	16	16	16	16	16
			E30P.	12	10.5	8	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16