

2/2-Way Solenoid Valve - Type EGV Series 800

Price group	53	Function "A" normally closed	Low noise and impact-free closing, for neutral, gaseous or medium	Stainless steel 1.4305
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Version	DN	Kv-value water [m³/h]	G	PN	Possible type of current	Sealing material	Type (Valve without solenoid coil)	Order number	Price
<p>Valve without solenoid coil Permitted operating pressure 0.3 bar up to valve according to table below.</p>	12	2.2	G 1/2	16/8	DC	NBR	EGV-813-A79-1/2BN-00	623052	o. r.
	12	2.2	G 1/2	16/8	DC	EPDM	EGV-813-A79-1/2PN-00	623054	o. r.
	12	2.2	G 1/2	16/8	DC	FKM	EGV-813-A79-1/2FN-00	623056	o. r.

Function

	<p>In 0-position - magnetic system not under current - its resting 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.</p>
	<p>In operational position - magnetic system under current - its resting 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.</p>

Illustration

			<p>Alternating current (AC) operation is possible with use of cable socket type ESG with integrated bridge rectifier.</p> <p>Cable socket adaptable with solenoid coil E22 by 2 x 180°, with E30 by 4 x 90° repositionable. Both solenoid coils 360° rotatable.</p>
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Permitted Excess Operating Pressure PB

DN	type	PN	Combinable solenoid coil			Permitted excess operating pressure PB [bar] at ambient temperature +60 °C																
			type	Nominal power P ₂₀			AC 50 Hz 90 %U _N			AC 60 Hz 90 %U _N			DC 90 %U _N			DC 90 %U _N			DC 100 %U _N			
				AC 50 Hz [VA]	AC 60 Hz [VA]	DC [W]	Medium temperature			Medium temperature			Medium temperature			Medium temperature			Medium temperature			
				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	60 °C	90 °C	130 °C	
12	EGV-813-A..	16/8	E22...L.	-	-	2.5	-	-	-	-	-	-	-	-	-	-	8	6	4	9	8	7
			E22...M.	-	-	5	-	-	-	-	-	-	-	-	-	-	16	16	16	16	16	16
			E22...H.	-	-	8	-	-	-	-	-	-	-	-	-	-	16	16	16	16	16	16
			E30...P.	-	-	8	-	-	-	-	-	-	-	-	-	-	16	16	16	16	16	16