

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

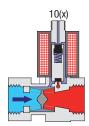
group

Function "Z" closed in 0-position with existing auxiliary pressure at "10" Low noise and impact-free closing, for neutral, gaseous or medium

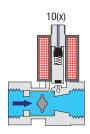
Stainless steel 1.4305

Version		DN	Kv-value water [m³/h]	G	PN	Possible type of current	Sealing material	Type (Valve without solenoid coil)	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 "X": ≥ Operating pressure, max. 16 bar	12	2.2	G 1/2	16	AC/DC	NBR	EGV-811-Z77-1/2BP-00	623351	0. r.
10(x)		12	2.2	G 1/2	16	AC/DC	EPDM	EGV-811-Z77-1/2PP-00	623353	0. r.
i.≅!		12	2.2	G 1/2	16	AC/DC	FKM	EGV-811-Z77-1/2FP-00	623355	0. r.

## **Function**



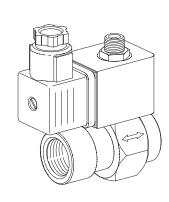
 $In \ 0\hbox{-position - magnetic system not under current - its resting seat is closed. The auxiliary pressure}$ accumulated at "10" thus builds up in the control chamber and holds the membrane in "closed" position.

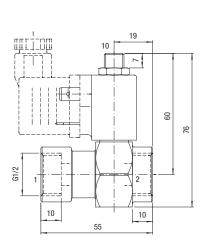


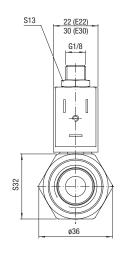
In operational position - magnetic system under current - its operational seat is closed.

The control chamber is released by the open resting seat and the membrane held in "open" position by the flow medium. A minimum pressure difference is required for this (except 0-pressure membrane as listed under Options)

## Illustration







These valves can also be used for dirty media by the application, depending on constructional design, of an external medium, e.g. compressed air, for controlling the membrane. A typical application is the drainage of condensation from compressed air networks.

Cable socket adaptable with solenoid coil E22 by  $2 \times 180^{\circ}$ , with E30 by 4 x 90° repositionable. Both solenoid coils 360° rotatable.

## **Permitted Excess Operating Pressure PB**

	DN type	PN	Combinable solenoid coil				Permitted excess operating pressure PB [bar] at ambient temperature +60 °C														
				Nominal power P <sub>20</sub>		AC 50 Hz			AC 60 Hz			DC COO			DC			DC			
DN			type	AC 50 Hz [VA]	AC 60 Hz [VA]	DC [W]	90 %U <sub>N</sub> Medium temperature			90 %U <sub>N</sub> Medium temperature			90 %U <sub>N</sub> Medium temperature			90 %U <sub>N</sub> Medium temperature			100 %U <sub>N</sub> 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
12	FOV 011 7	16	E22L.	3.5	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.	on req.	on req.
			E22M.	5.5	5	5	-	-	-	-	-	-	-	16	16	16	16	16	16	16	16
	EGV-811-Z		E22H.	-	-	8	16	16	16	16	16	16	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