

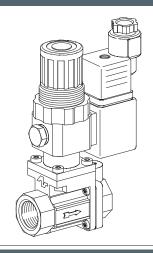
### 2/2-Way Solenoid Valve with Pressure Regulator - Type EGR Series 300

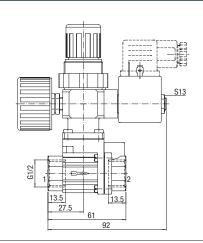
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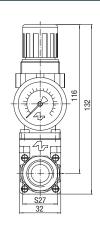
Function "C" normally closed, with secondary side discharged low noise and impact-free closing, for neutral, gaseous medium (fluid optional)

	Version		Secondary pressure [bar]	DN	Flow air [l/min]	G	PN	Possible type of power	Sealing material	Туре	Order number	Price
		Valve without solenoid coil without pressure gauge Permitted operating pressure 0.5 bar up to value according to table below.	0.5 - 10	13	150 to 1,500	G 1/2	16/8	AC/DC	NBR	EGR-351-1C78-1/2BN-00	654001	0. r.
			0.5 - 3	13	150 to 1,500	G 1/2	16/8	AC/DC	NBR	EGR-351-3C78-1/2BN-00	654002	o. r.
			0.5 - 6	13	150 to 1,500	G 1/2	16/8	AC/DC	NBR	EGR-351-6C78-1/2BN-00	654003	o. r.

#### Illustration







Pilot unit can be assembled rotated by 4x90°.

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

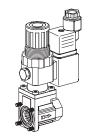
#### **Function**

With respect to electrical function the valve corresponds to a 2/2-way solenoid valve function "A".

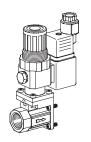
In overrideal position - magnetic system under power - the membrane is only held in "open" position by the flow medium until the outlet-side pressure reaches the value set on the pressure regulator. This can be set using the lockable adjustment button. The pressure should preferably be measured as near to the load as possible. In case of need a pressure gauge can also be attached to the pilot pressure regulator.

For dynamic loads or neutral fluids, a version without secondary-side ventilation can be supplied.

#### **Variations**



2/2-way flange mount Solenoid valve with Pressure regulator Flange-side pressure inlet Type EGR-351-.CH9-.



2/2-way flange mount Solenoid valve with Pressure regulator Thread-side pressure inlet Type EGR-351-.C7L-....

## **Options**



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-..



without secondary side ventilation of the pilot pressure regulator, especially for fluids Type EGR-351-.A78-...

# Permitted Operating Pressure OP

	Туре	PN	Combinable solenoid coil			Permitted Operating Pressure OP [bar] at ambient temperature +60 ℃											
				Nominal power P <sub>20</sub>		AC 50 Hz			AC 60 Hz		DC		DC		DC		
DN			Туре	AC 50 Hz [VA]	AC 60 Hz [VA]	DC	90 %U <sub>N</sub> Mediu	%U <sub>N</sub> 90 %U <sub>N</sub> 90 %U <sub>N</sub> 90 %U <sub>N</sub> Medium temperature Medium temp			mperature	90 %U <sub>N</sub> Medium te	emperature	100 %U <sub>N</sub> Medium temperature			
						[W]	60 °C	90 °C	130 °C	60 °C	90 °C	60 °C	90 °C	60 °C	90 ℃	60 °C	90 °C
			E22L.	3.5	on req.	2.5	8	on req.	-	7	on req.	6	5	4	3	6	5
10	EGV-351-C	16/8	E22M.	5.5	5	5	16	16	16	16	16	16	16	12	10	15	13
13			E22H.	-	-	8	-	-	-	-	-	16	16	16	16	16	16
			E30P.	12	10.5	8	16	16	16	16	16	16	16	16	16	16	16