

Features



EV310B NO

- Very robust valves for industrial application, such as control
- For water, oil, compressed air and similar neutral media
- K_v value up to 0.30 m³/h
- Differential pressure: Up to 20 bar
- Viscosity: Up to 50 cSt
- Ambient temperature: Up to +40°C
- Coil enclosure: Up to IP 65
- Thread connections: G 1/8, G 1/4 and G 3/8
- Also available with manual override

Technical data

Installation	Optional, but vertical solenoid system is recommended
Pressure range	0 to 20 bar
Max. test pressure	50 bar
Time to open and to close	10 - 20ms (depending on the pressure)
Ambient temperature	max. +40°C
Medium temperature	-10° to +100°C
Viscosity	max. 50 cSt
Materials	Valve body: Brass, W.no. 2.0402 Armature: Stainless steel, W.no. 1.4105/ AISI 430FR Armature tube: Stainless steel, W.no. 1.4306 /AISI 304L Armature stop: Stainless steel, W.no. 1.4105 /AISI 430FR Springs: Stainless steel, W.no. 1.4310/ AISI 301 Seal material: FKM

Ordering - Valve bodies

NO versions for AC (50/60Hz) and DC

Con- nec- tions	Seal mate- rial	k_v - value [m3/h]	DN [mm]	Media temp.		Type designation		Code no. without coil	Permissible differential pressure (bar)/ coil Type		
				Min. [°C]	Max. [°C]	Main type	Specification		BA		BD
									9 W a.c.	15 W d.c.	
G 1/8	FKM	0.08	1.5	-10	+100	EV310B 1,5 B	G 18 F NO 000	032U4926	20	20	20
	FKM	0.15	2.0	-10	+100	EV310B 2,0 B	G 18 F NO 000	032U4927	16	16	16
G 1/4	FKM	0.08	1.5	-10	+100	EV310B 1,5 B	G 14 F NO 000	032U4929	20	20	20
	FKM	0.15	2.0	-10	+100	EV310B 2,0 B	G 14 F NO 000	032U4930	16	16	16
	FKM	0.30	3.0	-10	+100	EV310B 3,0 B	G 14 F NO 000	032U4931	7	7	7
G 3/8	FKM	0.15	2.0	-10	+100	EV310B 2,0 B	G 38 F NO 000	032U4933	16	16	16
	FKM	0.30	3.0	-10	+100	EV310B 3,0 B	G 38 F NO 000	032U4934	7	7	7

Including manual override

G 1/8	FKM	0.15	2.0	-10	+100	EV310B 2,0 B	G 18 F NO 040	032U4941	16	16	16
G 1/4	FKM	0.08	1.5	-10	+100	EV310B 1,5 B	G 14 F NO 040	032U4943	20	20	20
	FKM	0.15	2.0	-10	+100	EV310B 2,0 B	G 14 F NO 040	032U4944	16	16	16