

Product overview | Solenoid valves

Protect your system with our approved solenoid valve program

Solenoid valves are an easy way to control and regulate fluids.



Solenoid valves

overview



		EV210 BW (1.5 - 6)	EV220B (6-22)	EV221BW (10-22)	EV250B (10-22)	EV250BW (10-22)		EV220B (15-50)	EV220BW (15-50)	EV220B (65-100)	EV228BW (15-50)	EV220S (10 - 50)	EV225B (6-25)	EV260B (6-20)
Media	Drinking Water	✓		✓		✓			✓		✓	✓		
	Water		✓		✓			✓		✓		✓		✓
	Steam												✓	
	Air		✓		✓			✓				✓		
	Oil		✓		✓			✓				✓		
Characteristics	System	Closed and drain	Open	Open	Closed and Drain	Closed and Drain		Open	Open	Open	Open	Open	Open	Open
	Connection	G½" - G¾"	G¼" - G1"	G¾" - G1"	G¾" - G1"	G¾" - G1"		G½" - G2"	G½" - G2"	Fl. 2½", 3", 4"	G½" - G2"	G¼" - G2"	G¼" - G1"	G¼" - G¾"
	Capacity Kv (m3/h)	0.8 - 0.7	0.7 - 6	1.5 - 6	2.5 - 7	2.5 - 7		4.0 - 40	4.0 - 40	50 - 130	4.0 - 40	1.6 - 32	0.9 - 6	0.8 - 5
	Function	NC or NO	NC or NO	NC or NO	NC or NO	NC or NO		NC or NO	NC or NO	NC	UN latching	NC or NO	NC	NC
	Pressure range (Bar)	0 - 10	0.1 - 30	0.1 - 10	0 - 10	0 - 10		0.3 - 16	0.3 - 10	0.25 - 10	0.3 - 10	0.2 - 10	0.2 - 10	0.5 - 10
	Media temperature (C)	-30 - 90	-30 - 100	-30 - 90	-30 - 140	-30 - 90		-30 - 140	-30 - 90	-25 - 90	-30 - 70	-30 - 100	-10 - 185	-10 - 80
Drinking Water Approvals	WRAS			✓		✓			✓		✓	✓		
	RISE	✓		✓		✓			✓		✓			
	SINTEF	✓		✓		✓			✓		✓			
	ACS	✓		✓		✓			✓		✓			
	PZH	✓	✓	✓	✓	✓		✓	✓	✓	✓			
	UBA-Leitline	✓		✓		✓			✓		✓			
Seal material	EPDM	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓		
	FKM		✓		✓			✓				✓		✓
	PTFE												✓	
Valve body	Brass		✓					✓				✓		✓
	DZR Brass		✓		✓			✓					✓	
	DZR ECO Brass	✓		✓		✓			✓		✓			
	SS							✓	✓		✓			
	Cast Iron									✓				

ECO Brass:

An approved solution

Restrictions on lead content in drinking water applications is a growing challenge.

The new Danfoss ECO Brass series ensures you and your customers a new standard of pure. Protecting public health is key in any residential area—that means preventing contamination of the public water supply is a primary concern. Therefore, every component in the water system must have the right approvals and meet strict legislative requirements.



Danfoss has the approved portfolio for you.

ECO brass contains no toxic additives, such as lead and nickel. It also has superior corrosion resistance compared to conventional free-cutting brass.

- Certified by WRAS—tested by NSF International in Wales
- Certified by RISE—valid in Denmark and Sweden. Inspected and audited by the Dansk Teknologisk Institut
- Certified by SINTEF—valid in Norway. Inspected and audited by the Dansk Teknologisk Institut
- Certified by Carso according to ACS guidelines, Circulaire 2002/571. Valid in France.
- Hygienic certificate B-BK-60210-1275/19. Issued by Polish National Institute of Public health (PZH). Valid in Poland.
- Solenoid valves are not possible to certify by DVGW, however, we can declare that the products are within the Hygienic properties in Germany.



Danfoss A/S

Nordborgvej 81 · 6430 Nordborg · Denmark · Tlf: +45 7488 2222 · danfoss.com

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