

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)	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
	Connection	G1/8" - G3/8"	G1/4" - G1"	G3/8" - G1"	G3/8" - G1"	G3/8" - G1"		G½"" - G2"	G½"" - G2"	Fl. 2½", 3", 4"	G½"" - G2"	G1/4" - G1"	G3/8" - G1"
	Capacity Kv (m3/h)	0,08 - 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	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	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	0,5 - 10
	Media temperature (C)	0 - 90	-30 - 100	0 - 90	-30 - 140	0 - 90		-30 - 140	0 - 90	-25 - 90	0 - 70	-10 - 185	-10 - 80
Drinking Water Approvals	WRAS		✓	Pending		✓		✓	Pending		✓		
	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.



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