

## Description

Solenoid valves of the **850T Series** are devices designed to shut off the flow of fluids in pipelines automatically. Made of brass, they are available in normally closed or normally open versions, with female-female connections. The valve is indirectly operated, and suitable for handling fluids compatible with the materials used in manufacture. It is available in NC (normally closed) and NO (normally open) configurations using 230V and 24V power supply.



### 850T

Solenoid valve for water and air. Operating temperature: -10 to 90°C.

PN25. Available in normally closed (NC) and normally open (NO) versions.

Maximum differential pressure: 16 bar.

Requires minimum operating pressure of 0.2 bar. Models with FF threaded connections in sizes DN 3/8" to 1½".

Compliant with: IEC 335 – EN 60529 (DIN 40050)

IMPORTANT: the PG9 connector must always be ordered together with the valve.

Type	Part No.	DN	Power supply	Kv*
Normally Closed (NC) solenoid valve for water	850T38W220	3/8"	230Vac N.C.	60
	850T38W24	3/8"	24Vac N.C.	60
	850T12W220	1/2"	230Vac N.C.	70
	850T12W24	1/2"	24Vac N.C.	70
	850T34W220	3/4"	230Vac N.C.	140
	850T34W24	3/4"	24Vac N.C.	140
	850T1W220	1"	230Vac N.C.	190
	850T1W24	1"	24Vac N.C.	190
	850T114W220	1¼"	230Vac N.C.	400
Normally Open (NO) solenoid valve for water	850T112W220	1½"	230Vac N.C.	520
	850T38W220NA	3/8"	230Vac N.A.	60
	850T38W24NA	3/8"	24Vac N.A.	60
	850T12W220NA	1/2"	230Vac N.A.	70
	850T12W24NA	1/2"	24Vac N.A.	70
	850T34W220NA	3/4"	230Vac N.A.	140
	850T34W24NA	3/4"	24Vac N.A.	140
	850T1W220NA	1"	230Vac N.A.	190
	850T1W24NA	1"	24Vac N.A.	190
PG9	850T114W220NA	1¼"	230Vac N.A.	400
	850T112W220NA	1½"	230Vac N.A.	520
PG9		P99035	Single connector	

\*Kv=expressed in l/min of water at 20 °C with pressure drop of 1 bar through the solenoid valve

Technical specifications	
Operating temperature	-10 to 90 °C
Maximum ambient temperature	40 °C
Minimum operating pressure	0.2 bar
Maximum differential pressure	Brass – CW617N
Operation	16 bar
Degree of protection	IP65 EN 60529 (DIN 40050)
Electrical compliance	IEC 335
Electrical connection with standard connector	DIN 43650
Maximum permissible viscosity	12 cSt / 2°E
Compatible fluids	Water, air, inert fluids
Coil power rating	8 W

Materials	
Valve body	Brass UNI EN 12165 - CW617N
Sleeve	300 grade stainless steel
Moving core	400 grade stainless steel
Spring	300 grade stainless steel
Seals	NBR (Nitrile)