



RPE Srl
Leader in Fluid Management Control

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Solenoid valves Series 800

Professional cleaning systems

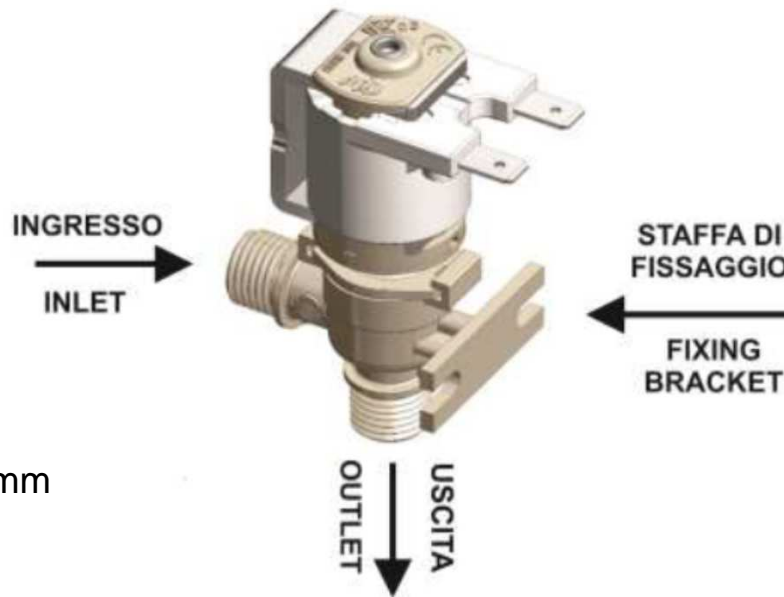
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Inlet:
1/4" M
Hose Tail 10mm

Outlet:
1/4" M
Hose Tail 10mm
Hose Tail 16mm

Physical specifications:

Valve Body: PA 66 – 30% fiber glass
Diaphragm: NBR – Silicon (MVQ) – Viton
Core: Stainless Steel
Spring: Stainless Steel
Assembly: Bayonet
Medium separation diaphragm

Working specifications:

Working pressure: 0 – 0,5 bar
Room temperature: 0 – 60° C
Fluid temperature: 0 – 90° C – ED 100%
Internal Orifice diameter: DN 2-3-7-8 mm
Control: Direct Acting



Models Series 800

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Hydraulic Connections

Model	Inlet	Outlet	Height	Length	Width	Specifications
803	1/4 "	1/4 "	74 mm	46 mm	34 mm	Orifice 2 – 3 – 7 - 8 mm
805	HT 10 mm	1/4 "	74 mm	50 mm	34 mm	Orifice 2 – 3 – 7 - 8 mm
806	HT 10 mm	HT 10 mm	74 mm	50 mm	34 mm	Orifice 2 – 3 – 7 - 8 mm
804	1/4 "	HT 10 mm	74 mm	50 mm	34 mm	Orifice 2 – 3 – 7 - 8 mm
807	1/4 "	HT 16 mm	74 mm	50 mm	34 mm	Orifice 2 – 3 – 7 - 8 mm

HT: Hose Tail



Series 800 product features

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1. Medium Separation

Thanks to the membrane the fluid does not enter the nucleus of the working chamber.
The valve can be used with aggressive fluids



2. Membrane

With the use of different materials in the membranes (NBR – Siliconic QMV – VITON) a longer life is guaranteed cycle than normal solenoid valves



3 Internal Orifices

The four internal orifices allow to have different flow rates for the different applications of this solenoid valve



5. Solenoids

Thanks to 9 different types of available solenoids, the Series 800 is suitable to any voltage required



4. Electric Connection

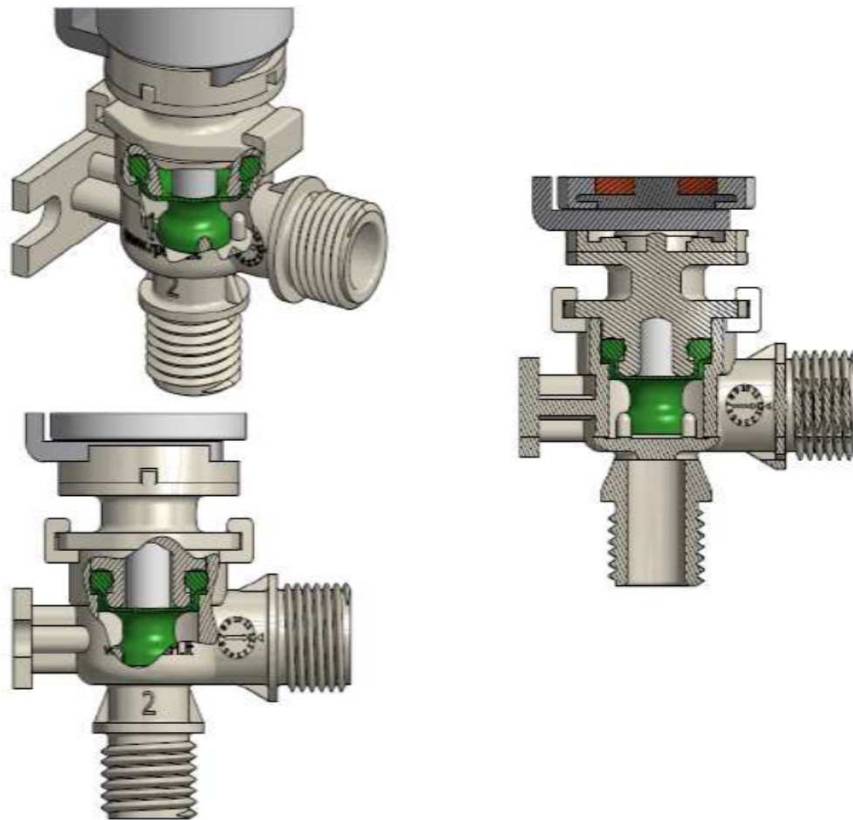
Faston, Unipolar and Bipolar cables up to 2500 mm allow the installation of many applications



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Series 800 – Flow chart

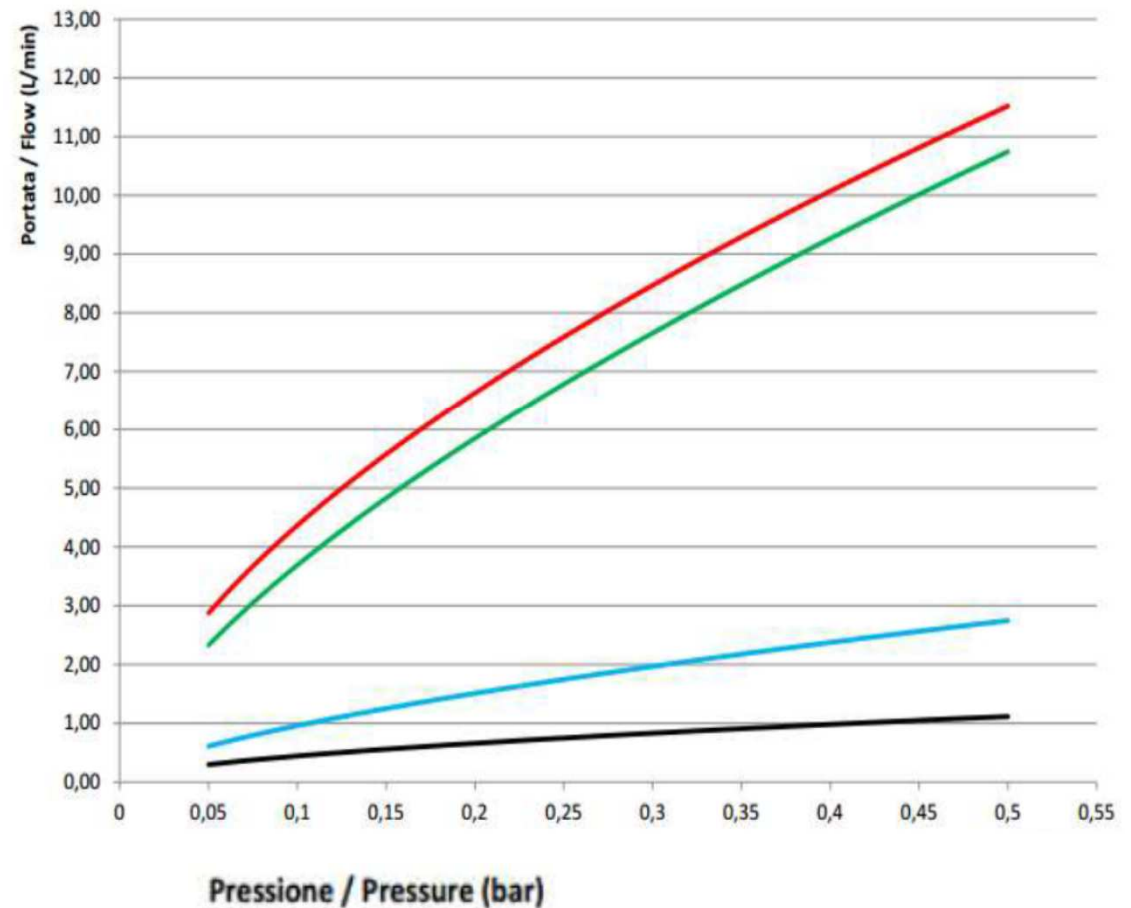
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3 Internal Orifices

The four internal orifices allow to have different flow rates for the different applications of this solenoid valve

- \varnothing 2 mm
- \varnothing 3 mm
- \varnothing 7 mm
- \varnothing 8 mm

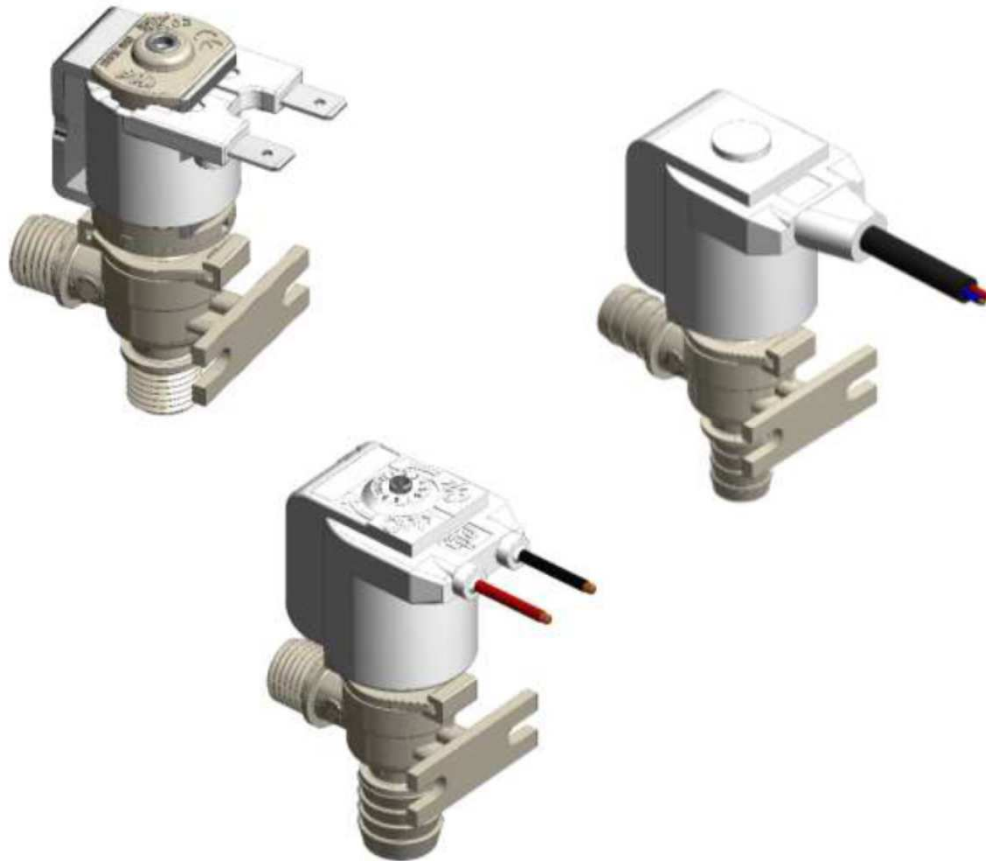




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44. Electric Connection

Faston, Unipolar and Bipolar cables up to 2500 mm allow the installation of many applications



Series 800 - Solenoides

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Codice <i>(code)</i>	Tensione <i>(Voltage)</i>	Frequenza <i>(Frequency)</i>	Potenza <i>(Power)</i>		Assorbimento <i>(Absorption)</i>			ED (funziona- mento) <i>(duty cycle)</i>	Faston (F), Cavi Unipolari (C) <i>Faston (F) Unipolar Cable (C)</i>	Cavi bipolari (in mm) <i>Bipolar Cable</i>	Approvazioni <i>(Approvals)</i>	Controllo <i>(control)</i>	
			Potenza mantenim- ento <i>(Holding Power)</i>	Potenza di spunto <i>(In Rush Power)</i>	Assorbim (mA) in mantenimento <i>(Holding Current)</i>	Assorbi m (mA) in spunto <i>(Inrush Current)</i>	cosφ					NC	NA** <i>(NO)</i>
1a	12V AC	50 Hz 60 Hz	4,4 VA 3,7 VA	6 VA 5 VA	300mA 266mA	505mA 425mA	0,59 0,57	100%	F, C	300, 1000, 1450, 2000, 2500	EneC solo faston	✓	/
2b	12V DC	=	8,5 W	/	710mA	/	/	100%	F, C		EneC solo faston	✓	/
3	12V DC	=	5,4 W	/	440mA	/	/	100%	F, C	300, 1000, 1450, 2000, 2500	EneC solo faston	✓	/
4	24V AC	50 Hz 60 Hz	7,2 VA	9,65 VA 8,20 VA	225mA 205mA	405mA 355mA	0,6 0,58	100%	F, C	1000, 1450, 2000, 2500	EneC solo faston	✓	/
5	24V DC	=	6,3 W	/	240mA	/	/	100%	F, C	1000, 1450, 2500	EneC solo faston	✓	/
6	110V AC	50 Hz 60 Hz	7,7 VA	8,85 VA 8,10 VA	48mA 39mA	78mA 72mA	0,64 0,62	100%	F, C	300, 620, 1000, 1450, 2500	EneC solo faston	✓	/
7	230V AC	50 Hz 60 Hz	8,4 VA	10,0 VA 9,25 VA	28mA 26mA	46mA 41mA	0,7 0,67	100%	F, C	300, 620, 1000, 1450, 2000, 2500	EneC solo faston	✓	/
8	L6V DC	=	5 W	/	830mA	/	/	LATCHING	F,C	300, 620, 1000, 1450, 2500	/		LATCHING
9	240V AC	50 Hz 60 Hz	5,8 VA 5,2 VA	10,3 VA 10,1 VA	24mA 22mA	43mA 42mA	0,73 0,74	100%	F, C	300, 620, 1000, 1450, 2000, 2500	EneC solo faston	✓	/

**Legenda
*(Legend)***

NC: Normalmente Chiusa / *Normally Closed*
 NA: Normalmente Aperta / *Normally Open*
 NB: Bistabile / *Latching*
 GW: Glow Wire

ED Funzionamento *(Duty Cycle)* = 100%
 Approvazioni *Approvals*: ENEC, UL, GW
 Faston: IP X0
 Cavi *(wires)*: IP 55
 Classe isolamento *(Insulation class)*: II
 Classe isolamento bobina *(Coil insulation class)*: F
 Tipo faston *(Faston type)*: 6,3 x 0,8 mm



Reference market

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NOTHING GREAT HAS EVER BEEN DONE WITHOUT PASSION

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Thanks for your attention



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