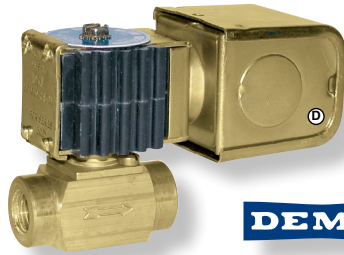


Solenoid Valves

Any Solenoid Less Coil,
Deduct \$3.00



400 Series Brass Bodies

Low Pressure

12, 24 & 110-Volt
Normally Closed
& Normally Open
(1/4" - 1")

Used for controlling the flow of water, air, oil and various other (except hazardous) chemicals.

Features: Temperatures to 200° F. maximum • Standard with molded waterproof coil • Electrical junction box (except on model 491P) • Pilot operation (except on 401P which is direct acting) & (473P, 474P & 476P which are BUNA diaphragm operated) • Teflon seal on T Series.

WATER FLOW -GAL./MIN.	MODEL NO.	PRESSURE DIFFERENTIAL - PSI					
		1	2	5	10	20	50
400 Series Valves	401P	0.27	0.38	0.60	0.85	1.2	1.9
	O412P	1.2	1.7	2.7	3.8	5.4	8.5
	A413P*	2.0	2.8	4.5	6.3	8.9	14
	A414P*	3.1	4.4	6.9	9.8	14	22
	OA414P	3.1	4.4	6.9	9.8	14	22
	A416P*	5.3	7.5	12	17	24	37
	OA416P	5.3	7.5	12	17	24	37
	A418P	8.0	11.0	18	25	36	58
	424P-2	0.30	0.42	0.67	0.95	1.34	2.12
	491P	0.20	0.28	0.44	0.63	0.89	1.4

*For pressure differential below 3-PSI remove closing spring.

Normally **CLOSED** Valves

Part No.	Volts	FPT Ports	Flow @ 60 PSI	Maximum Working Pressure	Pressure Differential PSI Max. Min.
DE 401P-24	24	1/4"	2 GPM	150 PSI	150 0
DE 401P-110	110	1/4"	2 GPM	150 PSI	150 0
DE 401P-110DIN	**110	1/4"	2 GPM	150 PSI	150 0
DE A413P-24	24	3/8"	15 GPM	400 PSI	150 3
DE A413P-110	110	3/8"	15 GPM	400 PSI	150 3
DE A413P-110DIN	**110	3/8"	15 GPM	150 PSI	150 0
DE A414P-24	24	1/2"	24 GPM	400 PSI	150 3
DE A414P-110	110	1/2"	24 GPM	400 PSI	150 3
DE A414P-110DIN	**110	1/2"	24 GPM	400 PSI	150 0
DE A416P-24	24	3/4"	39 GPM	400 PSI	150 3
DE A416P-110	110	3/4"	39 GPM	400 PSI	150 3
DE A418P-24	24	1"	62 GPM	400 PSI	150 3
DE A418P-110	110	1"	62 GPM	400 PSI	150 3
DE 473P-24	24	3/8"	27 GPM	300 PSI	150 1
DE 473P-110	110	3/8"	27 GPM	300 PSI	150 1
DE 474P-24	24	1/2"	31 GPM	300 PSI	150 1
DE 474P-110	110	1/2"	31 GPM	300 PSI	150 1
DE 474PT-110	* 110	1/2"	31 GPM	300 PSI	150 1
DE 474PT-12	* 12	1/2"	31 GPM	300 PSI	150 1
DE 476P-24	24	3/4"	39 GPM	300 PSI	150 1
DE 476P-110	110	3/4"	39 GPM	300 PSI	150 1
DE 476PT-12	* 12	3/4"	39 GPM	300 PSI	150 1
DE RK401	Repair Kit, 401 Valves				
DE RK413	Repair Kit, 413 Valves				
DE RK414V	Repair Kit, 414 Valves				
DE RK416V	Repair Kit, 416 Valves				
DE RK418	Repair Kit, 418 Valves				

* Teflon Fitted. ** Din Coils.

Normally **OPEN** Valves

Part No.	Volts	FPT Ports	Flow @ 60 PSI	Maximum Working Pressure	Pressure Differential PSI Max. Min.
DE O443P-24	24	3/8"	8 GPM	125 PSI	3 1
DE O443P-110	110	3/8"	8 GPM	125 PSI	3 1
DE O473P-24	24	3/8"	27 GPM	300 PSI	150 1
DE O473P-110	110	3/8"	27 GPM	300 PSI	150 1
DE O474P-24	24	1/2"	31 GPM	300 PSI	150 1
DE O474P-110	110	1/2"	31 GPM	300 PSI	150 1
DE O476P-24	24	3/4"	39 GPM	300 PSI	150 1
DE O476P-110	110	3/4"	39 GPM	300 PSI	150 1
DE O4191-24V	24 Volt Replacement Coil for O453P-24 Valve				
DE O4191-120V	110 Volt Replacement Coil for O453P-110 Valve				
DE O4192-24V	24 Volt Replacement Coil for O473P-24, O474P-24 & O476P-24 Valves				
DE O4192-120V	110 Volt Replacement Coil for O473P-110, O474P-110 & O476P-110 Valves				

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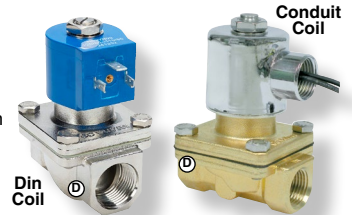
Low Pressure Solenoids

General Purpose Solenoid Valves for on-off control of water, chemicals, air, oil, and gas. Available with brass or stainless steel bodies. Standard with Buna-N seals, (EPR, Viton® and other sealing materials also available). Exclusive stainless steel seat insert reduces wear and delivers longer life in brass bodied valves.

These solenoid valves are all rated from 0 to 5 PSI as high as 200 psi operating pressure differential which allows them to be used in a wide variety of applications. Operational design is Piloted Diaphragm. Available in either normally closed or normally open options. All valves are standard with 24" lead wires except for S211/S212 Series which has din coils.

S20 Series Solenoid Valves:

- 2-Way Operation
- Piloted Diaphragm Design
- Normally Closed & Normally Open
- Zero to 200 psi OPD.
- Rated to 180° F.



(3/8" - 2")

Part No.	Material	Valve Type	FPT Ports	AC Volts	*Max O.P.D Min. Max.
GC S201-24	Brass	Norm Closed	3/8"	24	0 140
GC S201-10	Brass	Norm Closed	3/8"	110	0 140
GC S203-24	Brass	Norm Closed	1/2"	24	0 140
GC S203-10	Brass	Norm Closed	1/2"	110	0 140
GC S207-24	Brass	Norm Closed	3/4"	24	5 150
GC S207-10	Brass	Norm Closed	3/4"	110	5 150
GC S210-24	Brass	Norm Closed	1"	24	5 150
GC S210-10	Brass	Norm Closed	1"	110	5 150
GC S211-24	**Stainless	Norm Closed	3/4"	24	5 150
GC S211-10	**Stainless	Norm Closed	3/4"	110	5 150
GC S212-24	**Stainless	Norm Closed	1"	24	5 150
GC S212-10	**Stainless	Norm Closed	1"	110	5 150
GC S230-24	Brass	Norm Closed	1-1/4"	24	5 150
GC S230-10	Brass	Norm Closed	1-1/4"	110	5 150
GC S250-24	Brass	Norm Closed	1-1/2"	24	5 150
GC S250-10	Brass	Norm Closed	1-1/2"	110	5 150
GC S270-10	Brass	Norm Closed	2"	110	5 150
GC S270-24	Brass	Norm Closed	2"	24	5 150
GC CS3-110	Replacement Coil, 110 Volt				
GC CS3-24	Replacement Coil, 24 Volt				
GC CS4-110	Replacement Coil, 110 Volt				
GC CS4-24	Replacement Coil, 24 Volt				

* Maximum Operating Pressure Differential. ** Din Coils, Not Conduit.

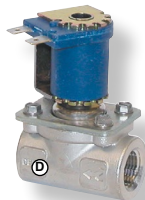
GC S202-24	Brass	Norm Open	3/8"	24	0 200
GC S202-10	Brass	Norm Open	3/8"	110	0 200
GC S204-24	Brass	Norm Open	1/2"	24	0 200
GC S204-10	Brass	Norm Open	1/2"	110	0 200

* Maximum Operating Pressure Differential.



Stainless Steel Solenoids

- Low Pressure -



463PS/464PS

Diaphragm Operated, Stainless Steel Solenoids. Normally-Closed valves feature corrosion-resistant, stainless steel bodies. 24-Volt Models feature spade style coils. 110-Volt models have coils with 12" lead wires. Maximum operating pressure is 125 PSI. Buna diaphragms are standard on 476/478, EPDM on 463/464.



476PS & 478PS

Part No.	FPT Ports	Volts	Flow @ 60 PSI	Pressure Differential PSI Min. Max.
DE 463PS-24	3/8"	24	15 GPM	0 125
DE 463PS-24DIN	3/8"	24	15 GPM	0 125
DE 464PS-24	1/2"	24	15 GPM	0 125
DE 476PS-24	3/4"	24	38 GPM	0 125
DE 478PS-24	1"	24	100 GPM	0 125
DE 463PS-110	3/8"	110	15 GPM	0 125
DE 464PS-110	1/2"	110	15 GPM	0 125
DE 476PS-110	3/4"	110	38 GPM	0 125
DE 478PS-110	1"	110	100 GPM	0 125
DE 61-78	Repair Kit, EPDM, 463/464			
DE 61-78V	Repair Kit, Viton® 463/464			