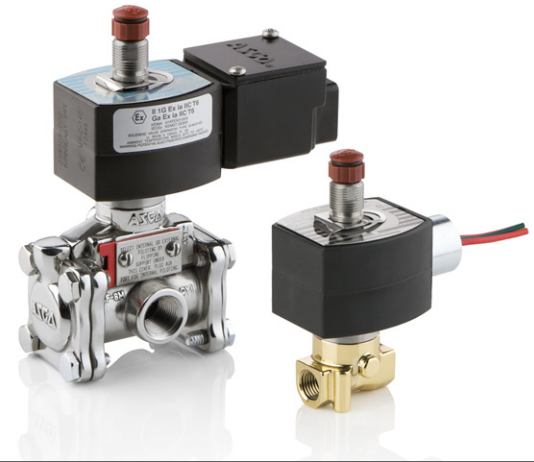


Low power valves minimize temperature rise and power draw allowing the user to reduce wiring and operate these DC valves directly off of computer control. Intrinsically safe valves are for use in an inherently safe system which will not ignite an explosive atmosphere.

- Three-way (3/2) normally closed and universal operations
- Four-way, four and five port (4/2 and 5/2) operation
- Size range of 1/4" to 1/2"



Intrinsically Safe & Low Power

Pipe Size (in)	Orifice (in)	Cv Flow	Operating Pressure Differential (psi)		Max. Fluid Temp. °F	Valve Catalog Number	Body Material	Sealing Material	Voltage	Valve Order Code	Wattage	Approvals		Rebuild Kit Order Code	Replacement Coil Order Code	Approx. Shipping Weight (lbs.)
			Min.	Max. Air								UL	FM			
3/2 Universal Low Power																
1/4	1/20	0.06	0	130/105 ③	149	8314H300	BR	LTNBR	24/DC	22121	0.55	●	-	325071	238710-913-D*	2.6
		0.06	0	130/105 ③	149	EF8314H300	BR	LTNBR	24/DC	22122	0.55	●	-	325071	238714-913-D*	2.6
		0.06	0	130/105 ③	149	EF8314H301	SS	LTNBR	24/DC	22123	0.55	●	-	325071	238714-913-D*	2.6
		0.06	0	130/105 ③	149	EF8314H301	SS	LTNBR	12/DC	22129	0.55	●	-	325071	238714-915-D*	2.6
	1/20 ④	0.06 ⑤	5	130	149	EF8317H307	BR	LTNBR	24/DC	22126	0.55	●	-	325109	238714-913-D*	2.7
		0.06 ⑤	5	130	149	EF8317H308	SS	LTNBR	24/DC	22127	0.55	●	-	325109	238714-913-D*	2.7
	1/16	0.08	0	150	140	EF8314G300	BR	LTNBR	24/DC	21071	1.4	●	-	316816	238714-902-D*	1.8
			0	150	140	EF8314G301	SS	LTNBR	24/DC	21072	1.4	●	-	316816	238714-902-D*	1.9
			0	150	140	8314G300	BR	LTNBR	24/DC	21156	1.4	●	-	316816	238710-902-D*	1.8
	1/16 ⑥	0.08	0	150	140	EF8314G301	SS	LTNBR	12/DC	21749	1.4	●	-	316816	238714-903-D*	1.9
0.08 ⑦			5	150	140	EF8317G307	BR	LTNBR	24/DC	21074	1.4	●	-	316839	238714-902-D*	1.8
		0.08 ⑦	5	150	140	EF8317G308	SS	LTNBR	24/DC	21075	1.4	●	-	316845	238714-902-D*	1.8
3/2 Normally Closed Low Power																
1/4	5/16	1.5	0, 15	130	149	EF8316H301 ①	BR	LTNBR	24/DC	22130	0.55	●	-	325074	238714-913-D*	4.1
		1.5	0, 15	130	149	EV8316H381V	SS	LTNBR, FKM	24/DC	22131	0.55	●	-	325074-V	274714-909-D*	4.5
		1.5	0, 15	150	140	EF8316G301 ①	BR	LTNBR	24/DC	21751	1.4	●	-	316982	238714-902-D*	3.6
		1.5	0, 15	150	140	EV8316G381V	SS	LTNBR, FKM	24/DC	21225	1.4	●	-	316982-V	274714-902-D*	4.5
3/8	5/16	1.8	0, 15	130	149	EF8316H302 ①	BR	LTNBR	24/DC	22124	0.55	●	-	325074	238714-913-D*	4.1
		1.8	0, 15	130	149	EV8316H382V	SS	LTNBR, FKM	24/DC	22132	0.55	●	-	325074-V	274714-909-D*	5
		1.8	0, 15	150	140	EV8316G382V	SS	LTNBR, FKM	24/DC	21226	1.4	●	-	316982-V	274714-902-D*	4.5
1/2	5/8	4	0, 15	130	149	EF8316H304 ①	BR	LTNBR	24/DC	22125	0.55	●	-	325110	238714-913-D*	4.9
		4	0, 15	130	149	EV8316H384V	SS	LTNBR, FKM	24/DC	22133	0.55	●	-	325112-V	274714-909-D*	6
		4	0, 15	150	140	EV8316G384V	SS	LTNBR, FKM	24/DC	21342	1.4	●	-	318399-V	274714-902-D*	8.6
4/2, 5/2 Low Power																
1/4	1/4	0.8	10	130	149	EF8344H370 ①	BR	LTNBR	24/DC	22128	0.55	●	-	325073	238714-914-D*	3.4
		0.8 ⑧	10	150	140	EF8344G370	BR	NBR	24/DC	21076	1.4	●	-	316841	238714-902-D*	8.6
		0.86	35	130	149	EV8551H309	SS	NBR, PUR	24/DC	22141	0.55	●	-	-	274714-909-D*	3.8
3/2 Universal Intrinsically Safe																
1/4	1/20	0.06	0	130/105 ③	149	JIS8314B300 ②	BR	LTNBR	24/DC	22140	0.48 ⑨	-	●	325071	298008-002-*	2.6
		0.06	0	130/105 ③	149	JIS8314B301 ②	SS	LTNBR	24/DC	22139	0.48 ⑨	-	●	325071	298008-002-*	2.6
		0.06	0	130/105 ③	149	IS8314B301 ②	SS	LTNBR	24/DC	22166	0.48 ⑨	-	●	325071	298006-002-*	2.6
	1/20 ④	0.06 ⑤	5	130	149	JIS8317B307 ②	BR	LTNBR	24/DC	22136	0.48 ⑨	-	●	325109	298008-002-*	2.7
3/2 Normally Closed Intrinsically Safe																
1/4	5/16	1.5	15	130	149	JIS8316B301 ①②	BR	LTNBR	24/DC	22138	0.48 ⑨	-	●	325074	298008-002-*	4
3/8	5/8	3	10	130	149	JIS8316B354 ②	BR	LTNBR	24/DC	22137	0.48 ⑨	-	●	302018	298008-002-*	4.9
4/2 Intrinsically Safe																
1/4	3/8	0.8	10	130	149	JIS8344B370 ①②	BR	LTNBR	24/DC	22135	0.48 ⑨	-	●	325073	298008-002-*	5.2
5/2 Intrinsically Safe																
1/4	1/4	0.86	30	130	149	JIS8551B301 ①②	AL	LTNBR, NBR, PUR	24/DC	22134	0.48 ⑨	-	●	-	298008-002-*	2

① A Minimum Operating Pressure Differential must be maintained between the pressure and exhaust ports. Supply and exhaust piping must be full area, unrestricted. ASCO flow controls and other similar components must be installed in the cylinder lines only.

② Designed solely for installation in Intrinsically Safe areas, with properly approved and sized current and voltage coil rating safety barriers.

③ Normally closed = 130psi, Normally open = 105psi

④ Quick exhaust valve, pressure port = 1/20", exhaust port = 1/4". ⑤ Quick exhaust valve, pressure port Cv = .06, exhaust port Cv = .73

⑥ Quick exhaust valve, pressure port = 1/16", exhaust port = 1/4". ⑦ Quick exhaust valve, pressure port Cv = .08, exhaust port Cv = .73

⑧ Quick exhaust valve, pressure port Cv = .08, exhaust port Cv = 1

⑨ Wattage rating based on 30 mA loop current