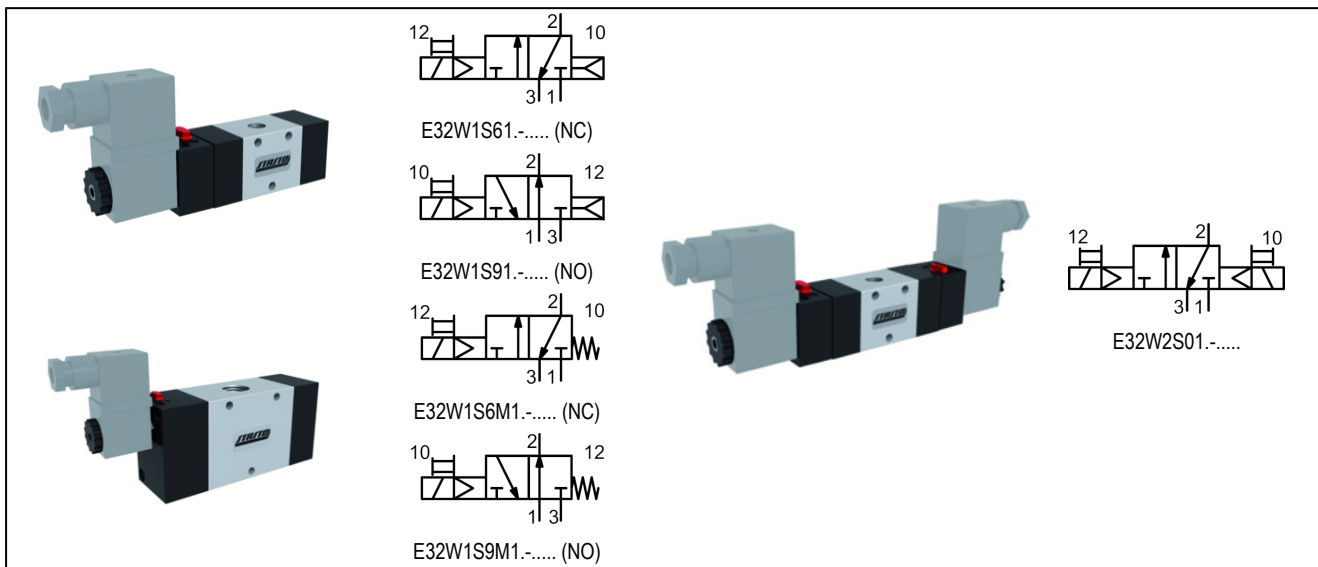
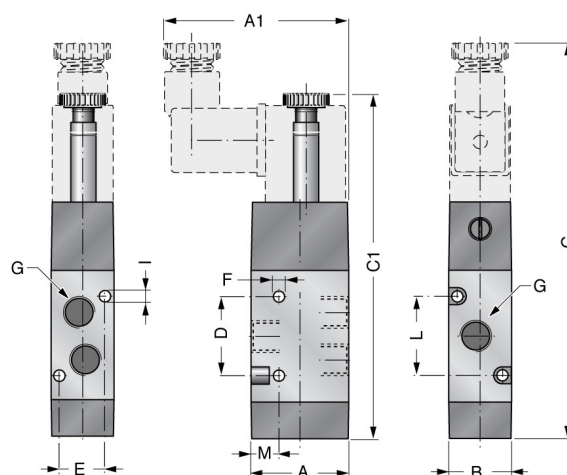


3/2-way solenoid valve - pilot-operated 1/8" ...1/2" series E32W



design	3/2-way solenoid valve pilot-operated, actuation electrical/internal control air, electrical/spring respectively electrical/electrical, manual emergency override
connection	G1/8" ... G1/2" according to ISO228/1
materials	body aluminum, spool nickel-plated aluminum, seals NBR
type of fixing	through-holes in the valve body
mounting position	any
medium	filtered and lubricated or non lubricated compressed air
medium temperature	0...+40°C
ambient temperature	-10...+50°C
electrical data:	
type of coil	type C001 (standard coil), connector size 22mm type EPC (coil for ATEX areas with cable length of 3m)
electrical connection	connector according to industry form B (see separate datasheet)
standard voltage	230V/50-60Hz, 24V/50-60Hz / 12VDC, 24VDC / 48V/50-60Hz
special voltage	115V/50-60Hz, more on request
acceptable voltage tolerance	± 10%
power consumption	see table "coil"
duty cycle	100% duty cycle (continuous operation)
protection class	IP65 according to EN 60529 by correctly mounted connector (protection against the penetration of dust and jet water)
informations:	please specify voltage and type of current by order CAD files are available on the STASTO Store under www.stasto.eu

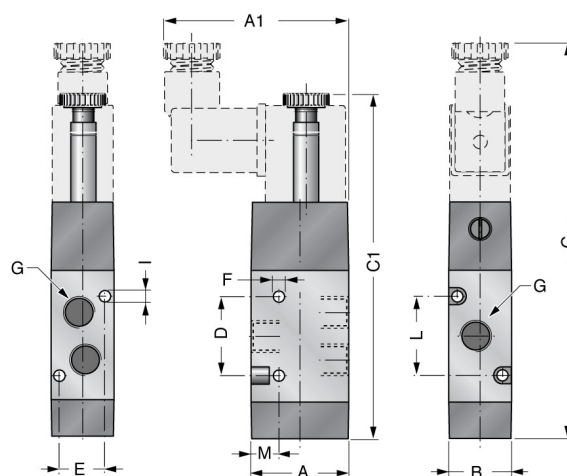
E32W1S . 1 . - actuation electrical/internal control air



connection G	nominal diameter DN [mm]	pressure range [bar]	A	A1	B	C	C1	D	E	F	function	flow rate* [NI/min]	type
G1/8"	6	2,2-10	30	63	26	133	119	18	23	4,25	NC	650	E32W1S618
G1/8"	6	2,2-10	30	63	26	133	119	18	23	4,25	NO	650	E32W1S918
G1/4"	8	2,2-10	40	73	30	140	125	20	30	4,25	NC	1080	E32W1S614
G1/4"	8	2,2-10	40	73	30	140	125	20	30	4,25	NO	1080	E32W1S914
G1/2"	15	2,2-10	60	60	40	181	167	40	50	5,5	NC	3500	E32W1S612
G1/2"	15	2,2-10	60	60	40	181	167	40	50	5,5	NO	3500	E32W1S912

*reference pressure 6bar, reference temperature 20°C

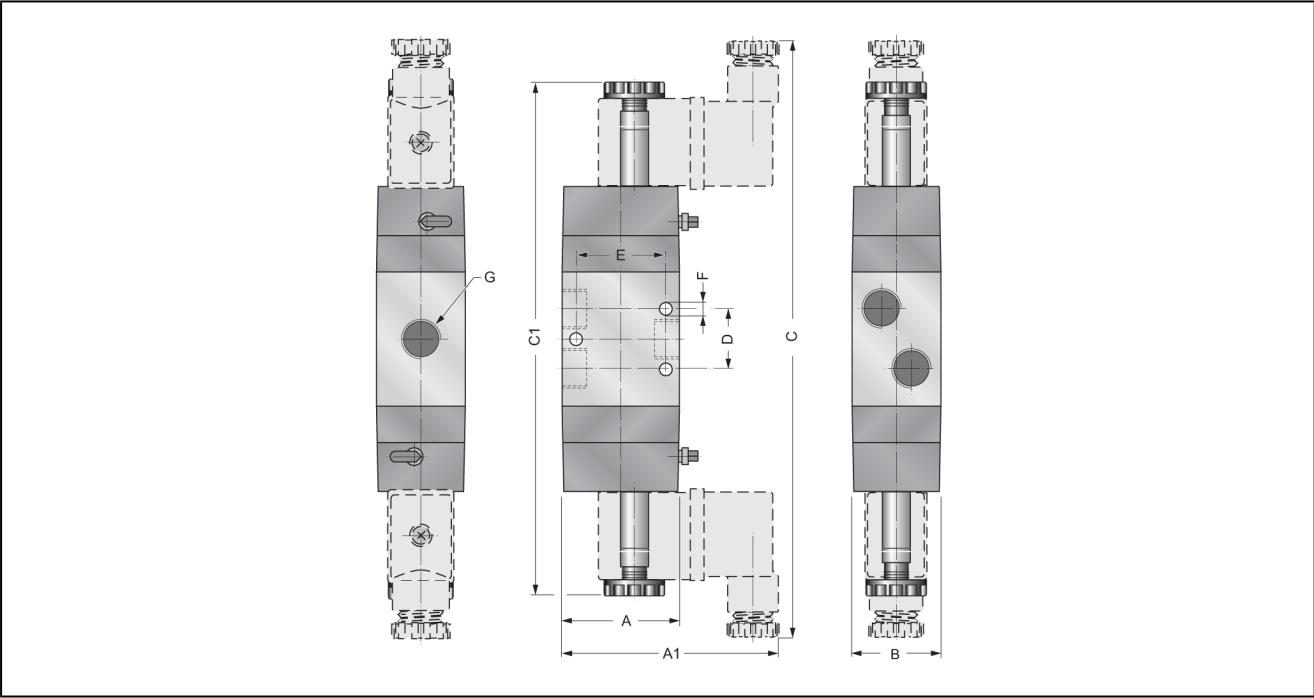
E32W1S . M . - actuation electrical/spring



connection G	nominal diameter DN [mm]	pressure range [bar]	A	A1	B	C	C1	D	E	F	function	flow rate* [NI/min]	type
G1/8"	6	3,2-10	30	63	26	133	119	18	23	4,25	NC	650	E32W1S6M8
G1/8"	6	3,2-10	30	63	26	133	119	18	23	4,25	NO	650	E32W1S9M8
G1/4"	8	2,5-10	40	73	30	140	125	20	30	4,25	NC	1080	E32W1S6M4
G1/4"	8	2,5-10	40	73	30	140	125	20	30	4,25	NO	1080	E32W1S9M4
G1/2"	15	2,5-10	60	60	40	172	158	40	50	5,5	NC	3500	E32W1S6M2
G1/2"	15	2,5-10	60	60	40	172	158	40	50	5,5	NO	3500	E32W1S9M2

*reference pressure 6bar, reference temperature 20°C

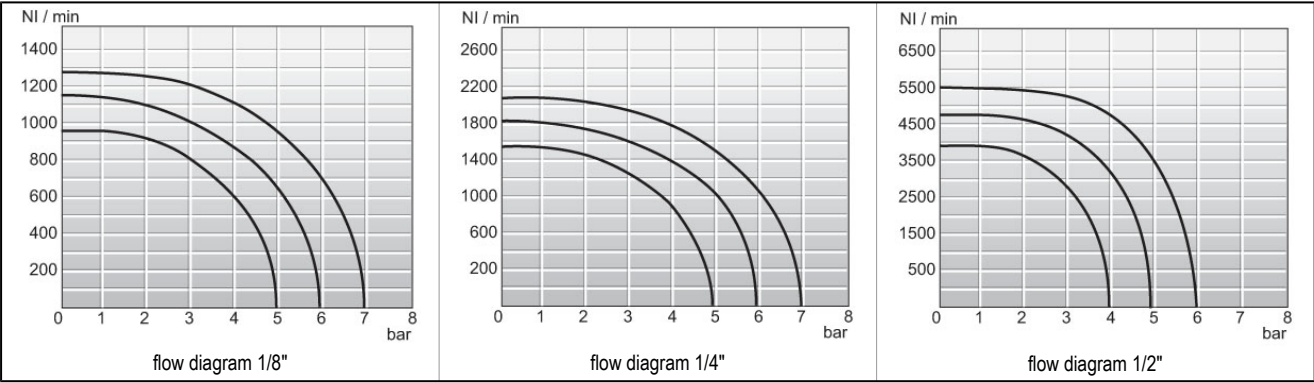
E32W2S01 . - actuation electrical/electrical



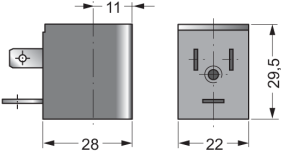
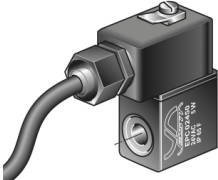
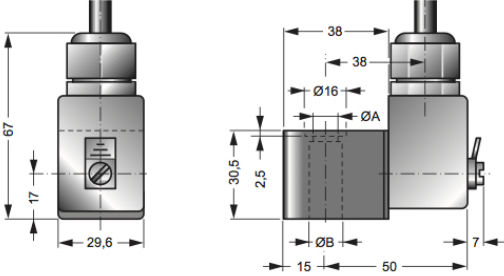
connection G	nominal diameter DN [mm]	pressure range [bar]	A	A1	B	C	C1	D	E	F	flow rate* [NI/min]	type
G1/8"	6	1,2-10	30	63	26	197	169	18	23	4,25	650	E32W2S018
G1/4"	8	1,2-10	40	73	30	203	175	20	30	4,25	1080	E32W2S014
G1/2"	15	1,2-10	60	60	40	240	212	40	50	5,5	3500	E32W2S012

*reference pressure 6bar, reference temperature 20°C

flow diagram



coils

		voltage	protection class	power consumption at 20 °C	type
		24VDC / 48V / 50-60Hz	IP65	3W/5VA	C001-03
		24V/50-60Hz / 12VDC		5VA/3W	C001-04
		230V/50-60Hz		5VA	C001-22
		115V/50-60Hz		5VA	C001-23
		24VDC	Ex II 2G Ex mb IIC T5 Gb Ex II 2D Ex mb tb IIIC T95°C IP66 Db	3,0W	EPC02400
		24V/50-60Hz		3,2W	EPC02450
		110V/50-60Hz		3,2W	EPC11050
		230V/50-60Hz		3,2W	EPC23050

switching time, nominal max. frequency

connection G	switching time [ms]								nominal max. frequency [Hz]			
	E32W1S.1.-C001...				E32W1S.M.-C001...				E32W1S.1.-C001...		E32W1S.M.-C001...	
	AC ON	AC from	DC ON	DC from	AC ON	AC from	DC ON	DC from	AC	DC	AC	DC
G1/8"	17	20	19	24	17	21	19	34	29	18	13	13
G1/4"	18	33	21	44	19	35	21	46	17	14	11	11
G1/2"	43	55	45	55	47	60	49	60	13	12	8	8

connection G	switching time [ms]				nominal max. frequency [Hz]	
	E32W2S01.-C001...				E32W2S01.-C001...	
	AC ON	AC from	DC ON	DC from	AC	DC
G1/8"	10	10	12	12	31	23
G1/4"	11	11	14	14	27	22
G1/2"	22	22	26	26	16	15

illustrations are non-binding
all designs, configurations, measurements and materials are subject to change without prior notice