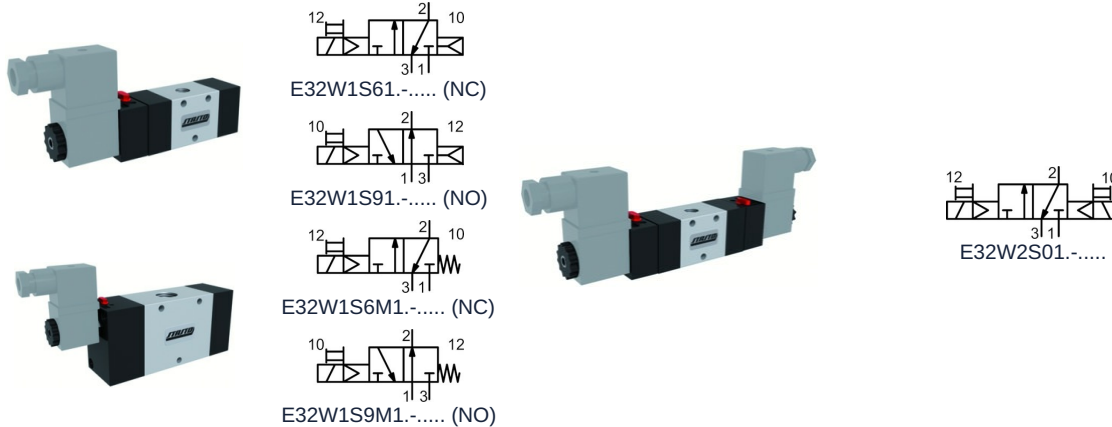


## 3/2-Way solenoid valve pilot-operated 1/8" ... 1/2" Series E32W



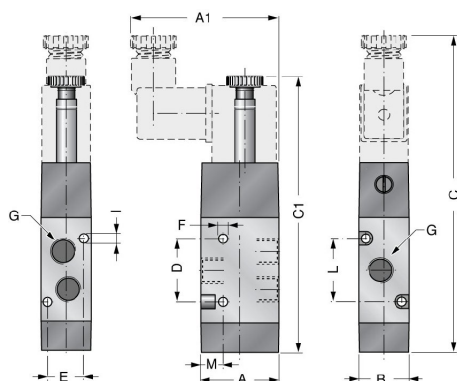
|                     |                                                                                                                                                      |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| Design type         | 3/2-way solenoid valve pilot-operated, Actuation electric/internal pilot air, electric/spring or rather electric/electric, Manual emergency override |
| Connection          | G1/8" ... G1/2" according to ISO228/1                                                                                                                |
| Materials           | Body Aluminium, Slide valve Nickel-plated aluminium, Seals NBR                                                                                       |
| Mounting type       | 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:

|                                 |                                                                                                                                                              |
|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Coil type                       | Type C001 (Standard coil), Connector width 22mm<br>Type EPC (Coil for ATEX areas with 3 m cable)                                                             |
| Electrical connection           | connector according to industrial form B (see separate data sheet)                                                                                           |
| Standard voltage                | 230V/50-60Hz, 24V/50-60Hz / 12VDC, 24VDC / 48V/50-60Hz                                                                                                       |
| Special voltages                | 115V/50-60Hz, further on request                                                                                                                             |
| Permissible voltage fluctuation | ± 10%                                                                                                                                                        |
| Power consumption               | see table "Solenoid coil"                                                                                                                                    |
| Duty cycle                      | 100% duty cycle (continuous operation)                                                                                                                       |
| Degree of protection            | IP65 according to EN 60529 with correctly mounted device connector (Protection against dust ingress and water jets)                                          |
| Notes:                          | When ordering, please specify voltage and type of current<br>CAD files are available in the STASTO Store at <a href="http://www.stasto.eu">www.stasto.eu</a> |



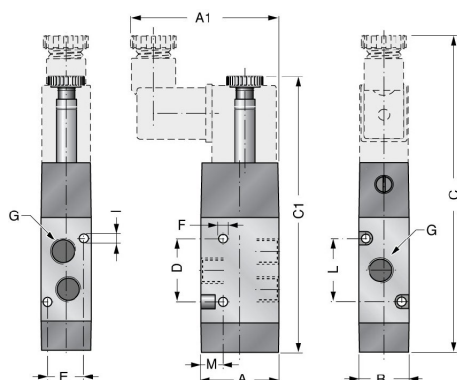
## E32W1S . 1 . - ..... Actuation electric/internal pilot air



| Connection G | Nominal size DN [mm] | Pressure range [bar] | A  | A1 | B  | C   | C1  | D  | E  | F    | Function | Flow rate* [Nl/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

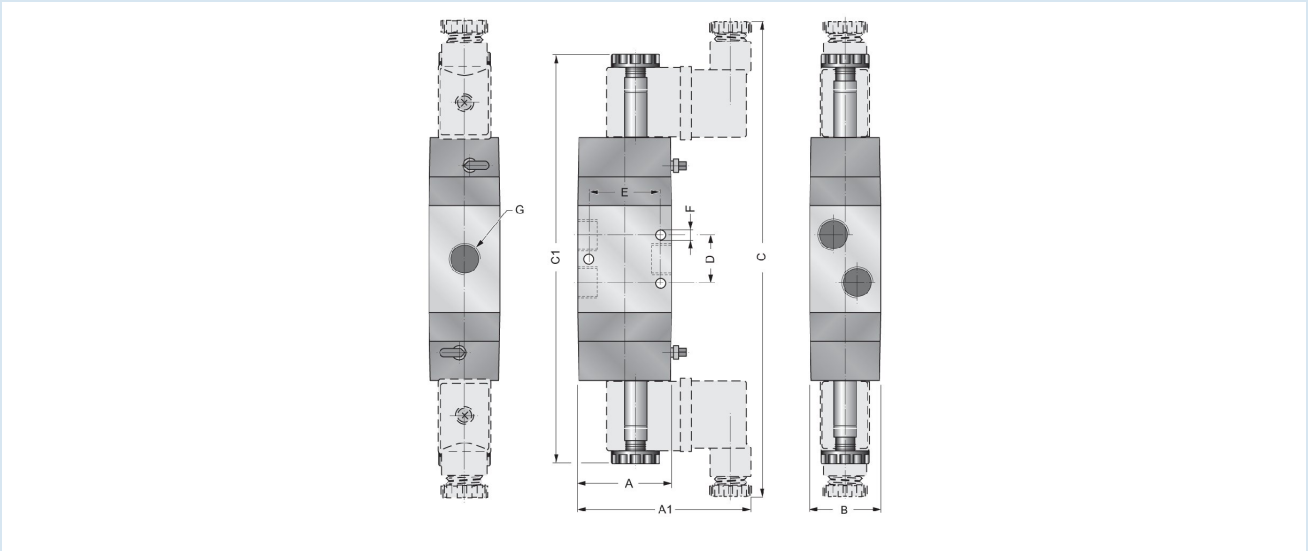
## E32W1S . M . - ..... Actuation electric/spring



| Connection G | Nominal size DN [mm] | Pressure range [bar] | A  | A1 | B  | C   | C1  | D  | E  | F    | Function | Flow rate* [Nl/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

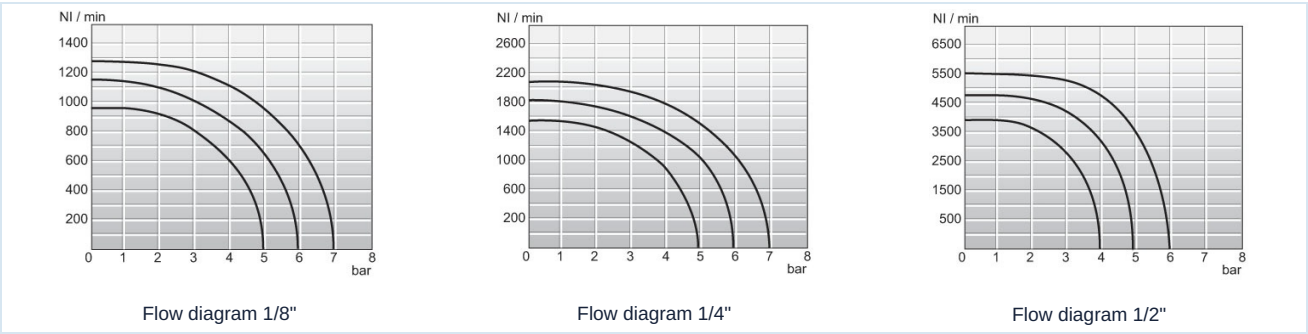




| Connection<br>G | Nominal size<br>DN [mm] | Pressure range<br>[bar] | A  | A1 | B  | C   | C1  | D  | E  | F    | Flow rate*<br>[NI/min] | Type      |
|-----------------|-------------------------|-------------------------|----|----|----|-----|-----|----|----|------|------------------------|-----------|
| 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



Solenoid coils

|  |  | Voltage             | Degree of protection                                                | 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<br>Ex II 2D Ex mb tb IIIC<br>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<br>G | Switching time [ms] |            |        |            |                   |            |        |            | nominal max. frequency [Hz] |    |                   |    |
|-----------------|---------------------|------------|--------|------------|-------------------|------------|--------|------------|-----------------------------|----|-------------------|----|
|                 | E32W1S.1.-C001...   |            |        |            | E32W1S.M.-C001... |            |        |            | E32W1S.1.-C001...           |    | E32W1S.M.-C001... |    |
|                 | AC ONE              | AC EXHAUST | DC ONE | DC EXHAUST | AC ONE            | AC EXHAUST | DC ONE | DC EXHAUST | 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<br>G | Switching time [ms] |            |        |            | nominal max. frequency [Hz] |    |
|-----------------|---------------------|------------|--------|------------|-----------------------------|----|
|                 | E32W2S01.-C001...   |            |        |            | E32W2S01.-C001...           |    |
|                 | AC ONE              | AC EXHAUST | DC ONE | DC EXHAUST | 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 non-binding  
Design, dimensional and material changes reserved

Pneumatics / Way-valves - electrically / pneumatically / 3/2- 5/2- 5/3-way valves - series E+V (connector size 22mm) / 3/2-way valve Series E3.