

## 2/2-Way filter diaphragm valve Series SL118



3/4...1"



1 1/2"...2"

|                     |                                                                                         |
|---------------------|-----------------------------------------------------------------------------------------|
| Design type         | 2/2-way filter diaphragm valve, normally closed (de-energized closed)                   |
| Connection          | G3/4"...G2" according to ISO228/1, Outlet port at 90° angle to the inlet port           |
| Materials           | Body Aluminium, Spring and screws stainless steel, Diaphragm material TPE or rather FKM |
| Mounting type       | Installation in rigid piping system                                                     |
| Mounting position   | any                                                                                     |
| Medium              | Air                                                                                     |
| Medium temperature  | Diaphragm material TPE -40...+100°C, Diaphragm material FKM -20...+200°C                |
| Ambient temperature | -25...+60°C                                                                             |

### Electrical data:

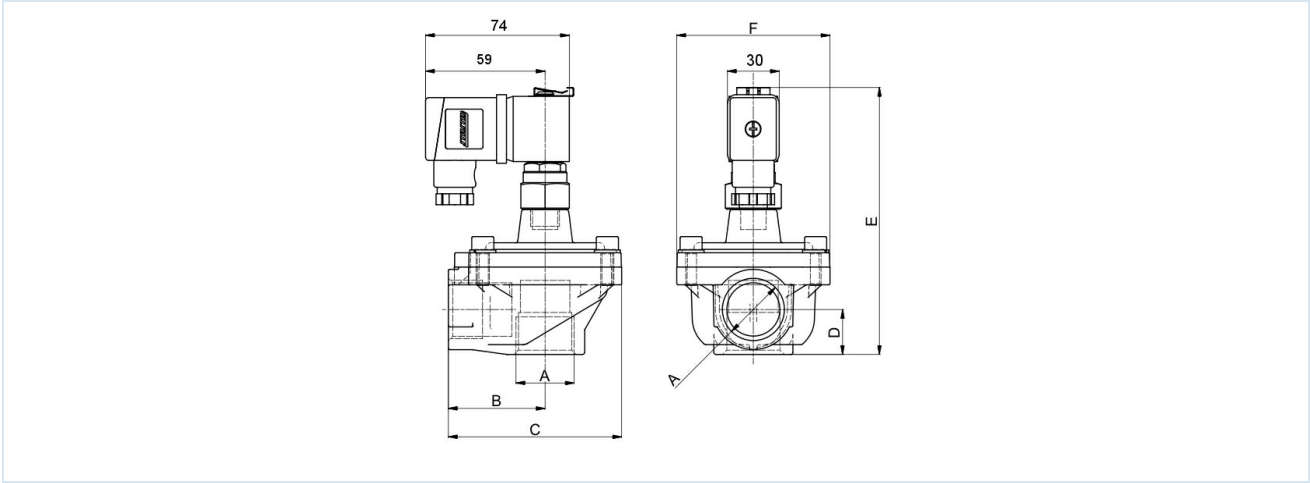
|                       |                                                                                                                     |
|-----------------------|---------------------------------------------------------------------------------------------------------------------|
| Coil type             | Type C012 (Standard coil), Connector width 32mm                                                                     |
| Electrical connection | connector 32mm according to EN175301-803 Form A (see separate data sheet)                                           |
| Voltage type          | AC and DC voltage                                                                                                   |
| Standard voltage      | 230V/50-60Hz, 24V/50Hz, 24VDC                                                                                       |
| Special voltage       | 115V/50-60Hz                                                                                                        |
| Power consumption     | 17W/17VA                                                                                                            |
| Degree of protection  | IP65 according to EN 60529 with correctly mounted device connector (protection against dust ingress and water jets) |
| Application note      | These valves are used for cleaning filters with air. For all other applications, please consult us.                 |

### Type code

|            |                       |     |   |   |    |    |
|------------|-----------------------|-----|---|---|----|----|
|            | SL118-                | 34  | - | V | -  | 02 |
|            | G3/4"                 | 34  |   |   |    |    |
|            | G1"                   | 10  |   |   |    |    |
|            | G1 1/2"               | 112 |   |   |    |    |
| Connection | G2"                   | 20  |   |   |    |    |
|            |                       |     |   |   |    |    |
|            | TPE/NBR (Leave blank) |     |   |   |    |    |
| Seal       | FKM                   |     | V |   |    |    |
|            |                       |     |   |   |    |    |
|            | 24VDC                 |     |   |   | 03 |    |
|            | 24V/50Hz              |     |   |   | 18 |    |
|            | 230V/50-60Hz          |     |   |   | 22 |    |
| Voltage    | 115V/50-60Hz          |     |   |   | 23 |    |



Dimensions VP



| Connection<br>A | Pressure range<br>[bar] | B  | C     | D    | E   | F   | Kv value<br>[m <sup>3</sup> /h Water] | Number of diaphragms | Weight<br>[approx. kg] | Type      |
|-----------------|-------------------------|----|-------|------|-----|-----|---------------------------------------|----------------------|------------------------|-----------|
| G3/4"           | 1,5-8                   | 44 | 79    | 21   | 117 | 70  | 13                                    | 1                    | 0,46                   | SL118-34  |
| G1"             | 1,5-8                   | 52 | 87    | 23,5 | 124 | 70  | 21                                    | 1                    | 0,49                   | SL118-10  |
| G1 1/2"         | 1,5-8                   | 67 | 126,7 | 31,5 | 181 | 135 | 48                                    | 2                    | 1,60                   | SL118-112 |
| G2"             | 1,5-8                   | 85 | 167   | 40   | 212 | 159 | 93                                    | 2                    | 2,30                   | SL118-20  |

Illustrations non-binding  
Design, dimensional and material changes reserved

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