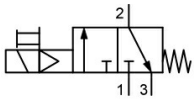
Partnership. With Guarantee.

# Electric shut-off valve (3/2-way) G1/4" up to G1" Series MSL18




| | |
|---|---|
| Design type | Directional control valve electrical, 3/2-way, with manual emergency override and exhaust function |
| Connection | G1/4"...G1" according to ISO228/1 |
| Materials | Housing Glass-fiber reinforced polyamide, Pressure ports Zinc die casting, Internal parts made of brass, Seals NBR |
| Function | for shutting off the supply pressure and venting the system |
| Mounting type | Installation in piping system or Wall mounting using mounting bracket |
| Mounting position | any |
| Medium | filtered compressed air |
| Medium temperature | 0...+50°C |
| Ambient temperature | 0...+50°C |
| Inlet pressure | 2...10bar |
| Voltages | 24V/50-60Hz, 230V/50-60Hz, 115V/50-60Hz and 24VDC |
| Relative duty cycle | 100% Duty cycle (continuous operation) |
| Degree of protection | IP65 according to EN 60529 with correctly mounted device socket connector (protection against dust ingress and water jets) |
| Scope of delivery | incl. coil, connector to din 43650 industrial form b and silencer |

## Order code

| | | MSL18 - 14 H - 04 |
|---|---|---|
| | | |
| | 1/4" | 14 |
| | 3/8" | 38 |
| | 1/2" | 12 |
| | 3/4" | 34 |
| **Connection** | 1" | 10 |
| **Flow rate** | Standard (Leave blank) | |
| | high flow rate | H |
| | | |
| **Rated voltage** | 24V/50-60Hz | 04 |
| | 230V/50-60Hz | 01 |
| | 115V/50-60Hz | 12 |
| | 24VDC | 03 |



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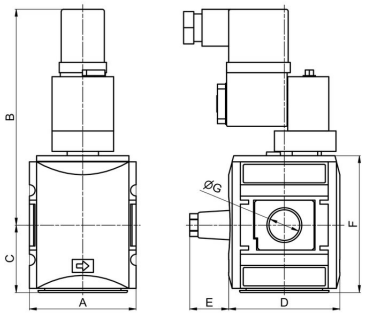
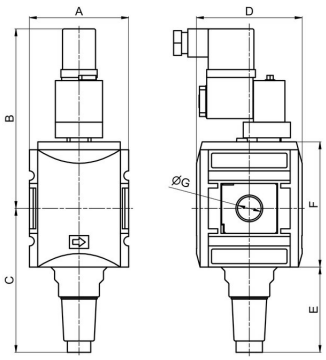
## Dimensional drawing




MSL18-14H...MSL18-38




MSL18-38H...MSL18-10

| Connection G | Flow rate at 6 bar* [Nl/min] | A | B | C | D | E | F | Weight [approx. kg] |
|---|---|---|---|---|---|---|---|---|
| G1/4" | 2000 | 52 | 105,5 | 33 | 54 | 19 | 67 | 0,2 |
| G3/8" | 2000 | 52 | 105,5 | 33 | 48 | 19 | 67 | 0,3 |
| G3/8" | 4300 | 63 | 114,5 | 92 | 67 | 54,5 | 80 | 0,6 |
| G1/2" | 4300 | 63 | 114,5 | 92 | 67 | 54,5 | 80 | 0,6 |
| G3/4" | 12500 | 85 | 131,5 | 102,5 | 93 | 48,5 | 112 | 0,8 |
| G1" | 12500 | 85 | 131,5 | 102,5 | 93 | 48,5 | 112 | 0,7 |

| Connection G | Flow rate at 6 bar* [Nl/min] | max. Inlet pressure [bar] | Rated voltage | Type |
|---|---|---|---|---|
| G1/4" | 2000 | 10 | 24V/50-60Hz | MSL18-14H-04 |
| G1/4" | 2000 | 10 | 230V/50-60Hz | MSL18-14H-01 |
| G1/4" | 2000 | 10 | 115V/50-60Hz | MSL18-14H-12 |
| G1/4" | 2000 | 10 | 24VDC | MSL18-14H-03 |
| G3/8" | 2000 | 10 | 24V/50-60Hz | MSL18-38-04 |
| G3/8" | 2000 | 10 | 230V/50-60Hz | MSL18-38-01 |
| G3/8" | 2000 | 10 | 115V/50-60Hz | MSL18-38-12 |
| G3/8" | 2000 | 10 | 24VDC | MSL18-38-03 |
| G3/8" | 4300 | 10 | 24V/50-60Hz | MSL18-38H-04 |
| G3/8" | 4300 | 10 | 230V/50-60Hz | MSL18-38H-01 |
| G3/8" | 4300 | 10 | 115V/50-60Hz | MSL18-38H-12 |
| G3/8" | 4300 | 10 | 24VDC | MSL18-38H-03 |
| G1/2" | 4300 | 10 | 24V/50-60Hz | MSL18-12-04 |
| G1/2" | 4300 | 10 | 230V/50-60Hz | MSL18-12-01 |
| G1/2" | 4300 | 10 | 115V/50-60Hz | MSL18-12-12 |
| G1/2" | 4300 | 10 | 24VDC | MSL18-12-03 |
| G3/4" | 12500 | 10 | 24V/50-60Hz | MSL18-34-04 |
| G3/4" | 12500 | 10 | 230V/50-60Hz | MSL18-34-01 |
| G3/4" | 12500 | 10 | 115V/50-60Hz | MSL18-34-12 |
| G3/4" | 12500 | 10 | 24VDC | MSL18-34-03 |
| G1" | 12500 | 10 | 24V/50-60Hz | MSL18-10-04 |
| G1" | 12500 | 10 | 230V/50-60Hz | MSL18-10-01 |
| G1" | 12500 | 10 | 115V/50-60Hz | MSL18-10-12 |
| G1" | 12500 | 10 | 24VDC | MSL18-10-03 |

*Flow rate data at an outlet pressure of 6 bar and a pressure drop of 1 bar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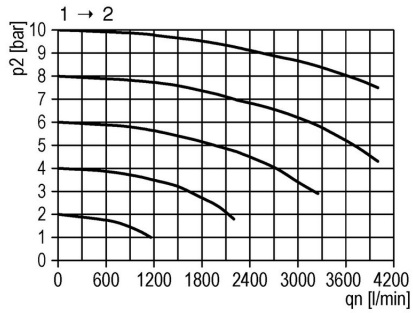
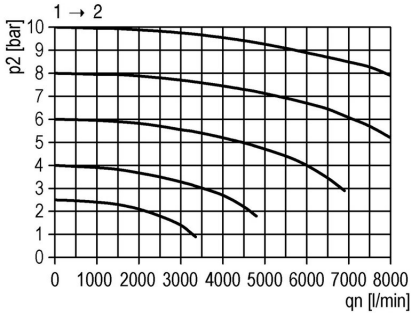
## Flow diagrams

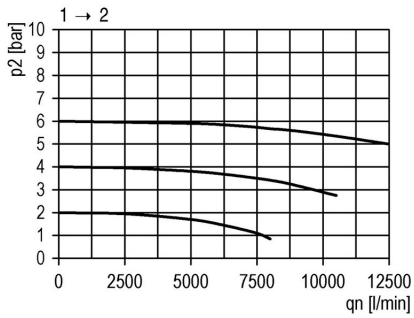
MSL18-14H/38




MSL18-38H/12



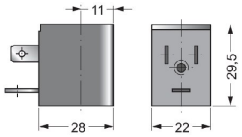

MSL18-34/10




## Accessories

| Designation | Type |
|---|---|
| Connection set for 2 devices for G1/4" and G3/8" (Type MSL18-38) | MCS18-14H/38 |
| Connection set for 2 devices for G3/8" (Type MSL18-38H) and G1/2" | MCS18-38H/12 |
| Connection set for 2 devices for G3/4" and G1" | MCS18-34/10 |
| Mounting bracket kit for G1/4" and G3/8" (Type MSL18-38) | MMB18-14H/38 |
| Mounting bracket kit for G3/8" (Type MSL18-38H) and G1/2" | MMB18-38H/12 |
| Mounting bracket kit for G3/4" and G1" | MMB18-34/10 |

## Solenoid coil MS

| | | Voltage | Power consumption at 20°C | Type |
|---|---|---|---|---|
| |   | 24VDC | 2,5W | MS02400 |
| | | 24V/50-60Hz | 3,5VA | MS02450 |
| | | 115V/50-60Hz | 5VA | MS11550 |
| | | 230V/50-60Hz | 5VA | MS23050 |
| | | | | |

Illustrations non-binding
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