

ASCO - ELECTRICAL CONTROLLED 1/4" VALVE, 860 L/MIN

SCG551A068MSS3

Valve 5/3. Open center. Sol/Spring. 24 VDC. G1/4"

- Function 3/2-5/2-5/3
- For temperatures down to -25 °C
- Wide selection of voltages
- Coil service life 30,000 operating hours



Product description

There are many different versions of series 551. It can be provided with most voltage variants, with ATEX approved coil for explosive environments and with a low power pilot valve. In addition to aluminium, housing is available in SS316 steel or brass for low temperatures, -40 °C. All electrically and air operated valves with Aluminium housing have environmental protection as standard. This means that all the internal parts are totally sealed against fluids, dust, corrosive substances etc. that may be present in the direct surroundings. Even the exhaust from the return chamber is led to the exhaust ports via an internal channel. For further protection, the pilot exhaust can also be led away to prevent contamination. The environmental protection makes the 551 series an excellent choice for both dirty environments and clean rooms. The electrical enclosure protection for all models is IP65.

Specifications

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| Approvals | IEC, TÜV |
| Coil Material | Epoxy |
| Connection Port 1-2 | G1/4 |
| Connection Port 3 | G1/4 |
| Connection Thread | G1/4 |
| Differential Pressure Max | 10 |
| Differential Pressure Min | 2 |
| Flow Factor / Flow Coefficient | 12,5 |
| Flow Max l/min Double | 860 |
| Function 1 | 5/3 |
| Function 2 | Vented central position |
| IP Class | IP65 |
| Manual operation | Yes |
| Material of body | Anodised aluminum |
| Material of seals | NBR, PUR |
| Material Plunger | Stainless steel |
| Material Short Call | Copper |

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|---------------------------------|---------------------------------|
| Materials Internal Parts | Aluminium, POM, Stainless steel |
| Max. pressure | 10 |
| Mounting | None |
| Power Consumption | 3 |
| Response Closing | 11 |
| Response From Stroke | 14 |
| Short Circuit Protection | Yes |
| Temperature range from | -25 |
| Temperature range to | 60 |
| Throughput | 6 |
| Type of valve | Electrically controlled |
| Weight | 0.43 |
| Voltage DC | 24 |

