

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

SCG551A018MSS3

Valve 5/2. Bistable 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

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	5/2
Function 2	Electric
IP Class	IP65
Manual operation	Yes
Material of body	Anodised aluminum
Material of seals	NBR, PUR
Material Plunger	Stainless steel
Material Short Call	Copper

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

