



## 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.

## TECHNICAL DATA

### GENERAL DATA

Connection	G1/4
Flow factor / flow coefficient	12,5
IP class	IP65

### MATERIAL DATA

Material of seals	NBR, PUR
Material internal parts	Aluminium, POM, Stainless steel

### ADDITIONAL DATA

Pressure max	10 bar
Close delay	11 ms
Approvals	IEC, TÜV
Weight	0.43 kg
Power consumption	3 W
Throughput	6 mm
Type of valve	Electrically controlled
Short circuit protection	Yes

<b>Response time off</b>	14 ms
<b>Voltage dc</b>	24 V
<b>Temperature operational min</b>	-25 °C
<b>Temperature operational max</b>	60 °C
<b>Material coil</b>	Epoxy
<b>Connection port 1-2</b>	G1/4
<b>Connection port 3</b>	G1/4
<b>Differential pressure max</b>	10 bar
<b>Differential pressure min</b>	2 bar
<b>Flow max</b>	860 l/min
<b>Function 1</b>	5/2
<b>Function 2</b>	Electric
<b>Manual operation</b>	Yes
<b>Material of body</b>	Anodised aluminum
<b>Material plunger</b>	Stainless steel
<b>Material short-circuit ring</b>	Copper
<b>Mounting</b>	None

