

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

G551A018MS

Valve 5/2. Bistable w/o coil. 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	0 W
Throughput	6 mm
Type of valve	Electrically controlled
Short circuit protection	Yes

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

