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

G551A005MS
Valve 3/2 NC. Monostable 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** | 3/2 |
| **Function 2** | Normally Closed |
| **Manual operation** | Yes |
| **Material of body** | Anodised aluminum |
| **Material plunger** | Stainless steel |
| **Material short-circuit ring** | Copper |
| **Mounting** | None |







