



ASCO - ELECTRICAL CONTROLLED NAMUR VALVE

SCG551A002MSS2

- Multi-function 3/2-5/2
- Environmental protection
- Coil service life - 30,000 operating hours
- For temperatures down to -25 °C



PRODUCT DESCRIPTION

Valve according to NAMUR standard for mounting on, among other things, pneumatic rotary attachments. The same valve has 3/2 or 5/2 function depending on which of the two provided intermediate plates is used.

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 entering in this way. The environmental protection makes the 551 series suitable for both dirty environments and clean rooms. The electrical enclosure protection for all models is IP65.

TECHNICAL DATA

Connection	G1/4
Differential pressure max	10 bar
Differential pressure min	2 bar
Flow factor / flow coefficient	12,5
Flow max	860 l/min
Function 1	3/2-5/2
Function 2	Electric, NAMUR
IP class	IP65
Material of body	Anodised aluminum
Temperature operational max	60 °C
Temperature operational min	-25 °C
Type of valve	Electrically controlled
Voltage AC	24 V

Compact size

Captive mounting screws

All exhaust can be channelled

Internal ports isolated from the environment

External pilot pressure connection

Long service life

Auxiliary pilot exhaust

Stainless steel manual override

High flow rate up to 3000 l/min

Integrated pilot with epoxy coil

Internal solenoid channelled to exhaust

Mini-exhaust reducer

"NABU-R STYLE" interface plate 3/2 or 5/2 function

E1-10

E1-11

E1-12, 14

E1-13

E1-14, 16
80/100/160 psi