



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

GENERAL DATA

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

Compact size	Capitive mounting screws	All exhausts can be channelled	Internal ports isolated from the environment	External pilot pressure connection	Long service life
Auxiliary pilot exhaust?	Standard (steel) manual override	High flow rate up to 3500 l/min	Integrated pilot with epoxy coil	Internal volume channelled to exhaust	Mini-exhaust reducer
42x30	42x47	42x50x101	42x50	42x50	42x50 with 80000000 pilot

"NAMUR STYLE" interface fitting 5/2 or 5/2 function