



## ASCO - ELECTRICAL CONTROLLED VALVE IN STAINLESS STEEL

SCG551A413MOS3

Valve 3/2NC monost. 24V DC SS316

- Operational down to -40 °C
- Function 3/2-5/2
- Also with NAMUR interface
- Produced in Stainless Steel for aggressive environments



### PRODUCT DESCRIPTION

Valve 551 in acid resistant steel, AISI 316L, with 3/2 or 5/2 function. In-line version for flow rates up to 860 l/min or NAMUR version for 700 l/min.

The valve is TÜV certified and is very suitable for tough environments since the whole series has environmental protection, meaning that all supply and exhaust air passes via the ports, which in turn means that any contamination in the surroundings cannot enter and cause damage to the internal parts of the valve. Environmental protection also makes the valve very suitable for clean room environments such as within the medical or food industries, since all exhaust can be led away. The temperature range for the valve lies between -40 °C and +60 °C, and it is available with several types of coil, both standard and ATEX class, as well as most voltage variants.

If the valve is to be used to control low operating pressure, simply turn round a seal in the valve and pressurize the pilot separately via the extra port to the pilot valve.

## TECHNICAL DATA

### GENERAL DATA

Function	3/2, Power steering with spring return, Normally Closed (SPST)
Connection	G1/4
Flow factor / flow coefficient	12.5
IP class	IP65

### MATERIAL DATA

Material of seals	NBR
Material seat	Stainless steel
Material internal parts	POM, Stainless steel

### ADDITIONAL DATA

Pressure max	10 bar
Approvals	IEC, TÜV
Weight	1,19 kg

<b>Power consumption</b>	11,2 W
<b>Throughput</b>	6 mm
<b>Type of valve</b>	Electrically controlled
<b>Short circuit protection</b>	Yes
<b>Voltage dc</b>	24 V
<b>Temperature operational min</b>	-40 °C
<b>Temperature operational max</b>	80 °C
<b>Material coil</b>	Epoxy
<b>Differential pressure max</b>	10 bar
<b>Differential pressure min</b>	0 bar
<b>Flow max</b>	860 l/min
<b>Manual operation</b>	Yes
<b>Material of body</b>	Stainless steel 316L
<b>Material plunger</b>	Stainless steel
<b>Material short-circuit ring</b>	Silver
<b>Material seat seal</b>	POM
<b>Material membrane</b>	FPM
<b>Mounting</b>	Independent

