

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
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

Power consumption	11.2 W
Throughput	6 mm
Type of valve	Electrically controlled
Short circuit protection	Yes
Voltage dc	24 V
Temperature operational min	-40 °C
Temperature operational max	80 °C
Material coil	Epoxy
Differential pressure max	10 bar
Differential pressure min	0 bar
Flow max	860 l/min
Manual operation	Yes
Material of body	Stainless steel 316L
Material plunger	Stainless steel
Material short-circuit ring	Silver
Material seat seal	POM
Material membrane	FPM
Mounting	Independent

