

INDUSTRIAL AUTOMATION PRODUCT

VCCM8551G309MO

ASCO compact solenoid spool valve assembly

It controls air or inert-gas flow in the configured industrial pilot circuit.

IDENTITY	VERIFIED VALUE
Manufacturer	ASCO
System family	ASCO Series 551 valve system
Part number	VCCM8551G309MO
Country	USA
HS code	8537101190

APTER POWER SALES TEAM

- WHATSAPP / PHONE

+86 180 3023 5313
- EMAIL

sales13@apterpower.com
- WEBSITE

www.apterpower.com



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Technical Specifications

Technical values below are limited to the named ASCO product record.

PARAMETER	TECHNICAL VALUE
Model code	VCCM8551G309MO
Series	551
Valve technology	Pilot-operated spool
Port size family	1/4 in NPT or BSP
Body-material family	Aluminum, brass or stainless steel

ENGINEERING DATA SUMMARY

DATA GROUP	VERIFIED ASSIGNMENT
Installed host / carrier	Compatible pneumatic manifold or piping
Companion hardware	Approved solenoid coil
Field connection	Filtered instrument-air supply
Primary system function	Uses the 551 valve platform
Controlled acceptance duty	Process-valve piloting

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System Role and Architecture

It controls air or inert-gas flow in the configured industrial pilot circuit.

FUNCTION 1
Uses the 551 valve platform

FUNCTION 2
Switches the configured pneumatic flow path

FUNCTION 3
Interfaces with the installed solenoid operator

FUNCTION 4
Supports controlled valve-state verification

Matched system components

- Compatible pneumatic manifold or piping
- Approved solenoid coil
- Filtered instrument-air supply
- Documented electrical connector and seal set

SYSTEM INTEGRATION RECORD

INTEGRATION ITEM	DOCUMENTED ROLE
Installed host / carrier	Compatible pneumatic manifold or piping
Companion hardware	Approved solenoid coil
Field connection	Filtered instrument-air supply
Primary system function	Uses the 551 valve platform
Controlled acceptance duty	Process-valve piloting

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Applications and Engineering Context

Process-valve piloting

Uses the 551 valve platform

Pneumatic actuator sequencing

Switches the configured pneumatic flow path

Utility-air automation

Interfaces with the installed solenoid operator

Harsh-environment valve service

Supports controlled valve-state verification

TECHNICAL NOTE

Confirm the complete VCCM8551G309MO construction and coil marking, isolate electrical and pneumatic energy, preserve port identity and flow direction, and leak-test every connection before service.

MODEL-SPECIFIC ACCEPTANCE EVIDENCE

CHECK	ACCEPTANCE CONDITION
Identity	VCCM8551G309MO / VCCM8551G309MO recorded
Physical interface	Compatible pneumatic manifold or piping
Companion check	Approved solenoid coil
Functional proof	Uses the 551 valve platform
Application test	Process-valve piloting

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Engineering Precautions

1

Verify the complete VCCM8551G309MO marking and the assigned ASCO Series 551 valve system position before work.

2

Place the connected machine or process in the approved maintenance state before disturbing VCCM8551G309MO.

3

Isolate the applicable power and field energy, then confirm a safe state before disconnecting VCCM8551G309MO.

4

Record connector, conductor, slot and configuration identities before removal of VCCM8551G309MO.

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Use ESD controls and protect keyed interfaces, exposed contacts and electronic assemblies during handling.

RELATED PRODUCTS ON APTER POWER

MODEL	SYSTEM ROLE	APTER POWER PAGE
1C31166G02	Related ASCO product	View 1C31166G02 page
EN-204-EN-204-00-000	Related ASCO product	View EN-204-EN-204-00-000 page
1C31169G02	Related ASCO product	View 1C31169G02 page
FX-490	Related ASCO product	View FX-490 page
ES0350-M1A05L-27N0	Related ASCO product	View ES0350-M1A05L-27N0 page
960177-02	Related ASCO product	View 960177-02 page
KJ2003X1-BB1	Related ASCO product	View KJ2003X1-BB1 page
EC3-X33	Related ASCO product	View EC3-X33 page

MANUFACTURER SOURCE RECORD

ASCO Series 551 official product information

Series 551

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EMAIL sales13@apterpower.com

WEBSITE www.apterpower.com

