

VCCM8551G309MO

ASCO compact solenoid spool valve assembly

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

PRODUCT SNAPSHOT

BRAND
ASCO

FAMILY
ASCO Series 551 valve system

PART
VCCM8551G309MO

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PRODUCT OVERVIEW

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

1

Uses the 551 valve platform

2

Switches the configured pneumatic flow path

3

Interfaces with the installed solenoid operator

4

Supports controlled valve-state verification

SYSTEM COMPONENTS

Compatible pneumatic manifold or piping

Approved solenoid coil

Filtered instrument-air supply

Documented electrical connector and seal set

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.

TECHNICAL DATA

PARAMETER	VALUE
Model code	VCCM8551G309MO
Series	551
Valve technology	Pilot-operated spool

PARAMETER	VALUE
Port size family	1/4 in NPT or BSP
Body-material family	Aluminum, brass or stainless steel

RELATED PRODUCTS ON APTER POWER

MODEL	SYSTEM ROLE	APTER POWER PAGE
A6210	Related ASCO product	View A6210 page
A6110	Related ASCO product	View A6110 page
5X00121G01	Related ASCO product	View 5X00121G01 page
5X00119G01	Related ASCO product	View 5X00119G01 page
KJ3222X1-BA1-12P2532X122	Related ASCO product	View KJ3222X1-BA1-12P2532X122 page
KJ4006X1-BD1	Related ASCO product	View KJ4006X1-BD1 page
KC4011X1-BZ1	Related ASCO product	View KC4011X1-BZ1 page
KC4011X1-BW1	Related ASCO product	View KC4011X1-BW1 page

APPLICATIONS & PRECAUTIONS

COMMON APPLICATIONS

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

PRODUCT 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.
- 5 Use ESD controls and protect keyed interfaces, exposed contacts and electronic assemblies during handling.
- 6 Confirm that the installed companion hardware and approved project match the VCCM8551G309MO arrangement.
- 7 Restore power in a controlled sequence and review device, rack and host diagnostics.
- 8 Prove the intended function and retain the final test result before returning VCCM8551G309MO to service.

ENGINEER FAQ

Q1 Does VCCM8551G309MO match Compatible pneumatic manifold or piping in a Process-valve piloting installation?

Verify the complete VCCM8551G309MO marking, the documented ASCO Series 551 valve system position and the installed Compatible pneumatic manifold or piping before fitting the assembly.

Q3 Which ASCO Series 551 valve system records should be captured before removing VCCM8551G309MO?

Record the as-found wiring, installed position, active configuration and diagnostic state associated with VCCM8551G309MO before disconnection.

Q5 Which Approved solenoid coil condition should be checked when VCCM8551G309MO reports an abnormal state?

Check the Approved solenoid coil supply, seating and connection first, then compare channel diagnostics with the recorded VCCM8551G309MO baseline.

Q7 What maintenance evidence is required after VCCM8551G309MO is used for Utility-air automation?

Retain the nameplate record, corrective action, final diagnostics and a controlled utility-air automation functional-test result for VCCM8551G309MO.

Q2 How should VCCM8551G309MO be wired when it must uses the 551 valve platform?

Isolate the circuit, identify every terminal and reproduce the approved polarity, shield and channel assignment for VCCM8551G309MO; then continuity-test the affected path.

Q4 What controlled test confirms that VCCM8551G309MO can switches the configured pneumatic flow path?

Apply the approved field or simulated stimulus, observe the ASCO Series 551 valve system indication and confirm the intended response without bypassing the normal interlocks.

Q6 Can VCCM8551G309MO be moved directly into Pneumatic actuator sequencing without validating Documented electrical connector and seal set?

No. Confirm the Documented electrical connector and seal set, revision, connection scheme and ASCO Series 551 valve system configuration before transferring VCCM8551G309MO to that duty.

Q8 How should VCCM8551G309MO be returned to service in Harsh-environment valve service?

Restore power under control, verify interfaces with the installed solenoid operator, exercise the intended signal path and release VCCM8551G309MO only after the ASCO Series 551 valve system remains in its approved operating state.

SOURCE ASCO Series 551 official product information | Series 551

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