

# VCCM8551G410MO

## 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**

VCCM8551G410MO

**ORIGIN / HS**

USA / 8537101190

### APTER POWER SALES TEAM

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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 VCCM8551G410MO 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       | VCCM8551G410MO       |
| Series           | 551                  |
| Valve technology | Pilot-operated spool |

| PARAMETER        | VALUE                              |
|------------------|------------------------------------|
| Port size family | 1/4 in NPT or BSP                  |
| Seal design      | Hard T-seals with flexible O-rings |

RELATED PRODUCTS ON APTER POWER

| MODEL                    | SYSTEM ROLE          | APTER POWER PAGE                                   |
|--------------------------|----------------------|----------------------------------------------------|
| KJ3101X1-BB1-12P1866X062 | Related ASCO product | <a href="#">View KJ3101X1-BB1-12P1866X062 page</a> |
| KJ3101X1-BA1-12P1865X062 | Related ASCO product | <a href="#">View KJ3101X1-BA1-12P1865X062 page</a> |
| KJ3001X1-BH1-12P0558X152 | Related ASCO product | <a href="#">View KJ3001X1-BH1-12P0558X152 page</a> |
| KC3011X1-BA1-12P6749X042 | Related ASCO product | <a href="#">View KC3011X1-BA1-12P6749X042 page</a> |
| KC3010X1-BA1-12P6762X062 | Related ASCO product | <a href="#">View KC3010X1-BA1-12P6762X062 page</a> |
| 1X01046H01L              | Related ASCO product | <a href="#">View 1X01046H01L page</a>              |
| PR6426-000-131-CON041    | Related ASCO product | <a href="#">View PR6426-000-131-CON041 page</a>    |
| PR6426-010-140           | Related ASCO product | <a href="#">View PR6426-010-140 page</a>           |

# 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 VCCM8551G410MO 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 VCCM8551G410MO.
- 3 Isolate the applicable power and field energy, then confirm a safe state before disconnecting VCCM8551G410MO.
- 4 Record connector, conductor, slot and configuration identities before removal of VCCM8551G410MO.
- 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 VCCM8551G410MO 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 VCCM8551G410MO to service.

# ENGINEER FAQ

## Q1 Does VCCM8551G410MO match Compatible pneumatic manifold or piping in a Process-valve piloting installation?

Verify the complete VCCM8551G410MO 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 VCCM8551G410MO?

Record the as-found wiring, installed position, active configuration and diagnostic state associated with VCCM8551G410MO before disconnection.

## Q5 Which Approved solenoid coil condition should be checked when VCCM8551G410MO reports an abnormal state?

Check the Approved solenoid coil supply, seating and connection first, then compare channel diagnostics with the recorded VCCM8551G410MO baseline.

## Q7 What maintenance evidence is required after VCCM8551G410MO is used for Utility-air automation?

Retain the nameplate record, corrective action, final diagnostics and a controlled utility-air automation functional-test result for VCCM8551G410MO.

## Q2 How should VCCM8551G410MO 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 VCCM8551G410MO; then continuity-test the affected path.

## Q4 What controlled test confirms that VCCM8551G410MO 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 VCCM8551G410MO 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 VCCM8551G410MO to that duty.

## Q8 How should VCCM8551G410MO 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 VCCM8551G410MO 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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