APTER POWER

PRODUCT TECHNICAL REFERENCE

INDUSTRIAL AUTOMATION PRODUCT

VCCM8551G410MO

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	VCCM8551G410MO
Country	USA
HS code	8537101190

APTER POWER SALES TEAM

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2 Technical Specifications

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

PARAMETER	TECHNICAL VALUE
Model code	VCCM8551G410MO
Series	551
Valve technology	Pilot-operated spool
Port size family	1/4 in NPT or BSP
Seal design	Hard T-seals with flexible O-rings

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

3 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

4 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 VCCM8551G410MO 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	VCCM8551G410MO / VCCM8551G410MO 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

5 Engineering 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.

RELATED PRODUCTS ON APTER POWER

MODEL	SYSTEM ROLE	APTER POWER 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**
KJ2201X1-BA1	Related ASCO product	**View KJ2201X1-BA1 page**
3900-02-10	Related ASCO product	**View 3900-02-10 page**
396P-02-12-55	Related ASCO product	**View 396P-02-12-55 page**

MANUFACTURER SOURCE RECORD

ASCO Series 551 official product information

Series 551

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