6DR5310-0NG00-0AA0

01 / Product overview

SIPART PS2 Positioner

Siemens 6DR5310-0NG00-0AA0 is a SIPART PS2 electropneumatic positioner for single-acting valve actuators. It receives a configured 0/4-20 mA command and regulates pneumatic output to position a suitable control valve. The actuator, air supply and linkage establish the usable installation range.

Product identity

Product type	SIPART PS2 Positioner
Product series	SIPART PS2
Actuator type	Single acting

Technical specifications

Product type	SIPART PS2 electropneumatic positioner
Actuator type	Single acting
Setpoint signal	0/4-20 mA
HART communication	No
Explosion protection	No, order-code execution
Electrical entry	M20 × 1.5
Pneumatic connection	G 1/4

Product and installation enquiries

sales13@apterpower.com | +86 18030235313

Apply manufacturer instructions and approved site procedures.

02 / Applications and service decisions

Process control valves

Position a single-acting pneumatic valve from a configured analog control signal.

Flow regulation

Support modulating flow valves in an engineered process loop.

Match the complete unit

Check the full 6DR5310-0NG00-0AA0 marking and any hardware revision against the installation record.

Isolate electrical and pneumatic energy

Make the valve safe, isolate the current loop and release pneumatic pressure under the site procedure.

Preserve the connection record

Label and photograph the sipart ps2 positioner connections, terminations and mounting before removal.

Pressure regulation

Drive a suitable control valve where controller output determines actuator travel.

Valve-maintenance replacement

Restore an existing SIPART PS2 installation after actuator, linkage and signal checks.

Preserve valve setup

Record the actuator action, mounting geometry, travel limits and positioner calibration.

Protect the hardware

Use suitable electrostatic-discharge and mechanical protection while handling connectors, boards and retaining parts.

Verify the affected functions

After fitting 6DR5310-0NG00-0AA0, check diagnostics and the relevant I/O or process response under the site acceptance plan.

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03 / Selection and technical reference

What is the product type of Siemens 6DR5310-0NG00-0AA0?

SIPART PS2 electropneumatic positioner.

What is the actuator type of Siemens 6DR5310-0NG00-0AA0?

Single acting.

What is the setpoint signal of Siemens 6DR5310-0NG00-0AA0?

0/4-20 mA.

What is the hart communication of Siemens 6DR5310-0NG00-0AA0?

No.

What should be preserved before replacing Siemens 6DR5310-0NG00-0AA0?

Record the full label, fitted connections and approved SIPART PS2 settings. Preserve the existing wiring and configuration record.

How is Siemens 6DR5310-0NG00-0AA0 checked after installation?

Check diagnostics and the affected sipart ps2 positioner functions under the approved site test procedure.

Technical basis

Siemens SIPART PS2 selection catalogue, order code 6DR5310-0NG00-0AA0.

Related Siemens references

Siemens 6DS1916-8RR

Siemens 6DP1231-7AA

Siemens 6ES7318-3EL01-0AB0

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