

SPC SERVO AND ACTUATOR CONTROL

Product Data Sheet

8200-226

Servo position controller

FUNCTION Servo position controller	FAMILY SPC servo and actuator control	ORIGIN United States	WEIGHT 1.55 kg
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Woodward 8200-226 is a Servo position controller for the SPC servo and actuator control. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Controller Part Number	8200-226
Control Function	Single-coil servo positioning
Primary Command	DeviceNet position demand
Backup Command	Analog position demand
Position Feedback	Single or dual transducers
Network Role	DeviceNet Group II slave
DeviceNet Specification	Release 2.0
Configuration Port	PC serial service interface
Actuator Types	Hydraulic or pneumatic
Demand Transfer	Automatic analog backup

ADDITIONAL PRODUCT DATA

Network Addressing	Configurable MAC ID
DeviceNet Baud Rate	Configurable
Status Indication	Front-panel diagnostic LEDs
Marine Application	Marine-certified controller
Commissioning Check	Calibrate feedback and demand tracking

OFFICIAL APPLICATIONS

- Position the turbine or engine actuator: Use 8200-226 to command a single-coil hydraulic or pneumatic actuator from the DeviceNet demand while continuously closing the position-feedback loop.
- Maintain a documented fallback demand: Configure the analog demand as primary or backup as required, verify transfer behavior, and preserve the correct scaling and fault response for the vessel control system.
- Commission travel and feedback limits: Use the service interface to set feedback direction, minimum and maximum travel, dynamics and alarms, then exercise the actuator through a controlled functional test.

SYSTEM COMPATIBILITY

Match 8200-226 to the installed SPC servo and actuator control, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[Woodward SPC Servo Position Controller Manual 26236 Revision W](#)

https://www.woodward.com/products/wp-content/uploads/sites/3/2024/08/26236_W.pdf

AMIKON PRODUCT SUPPORT

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