AUTOMATION TRADER

6DR5211-0EM00-0AA0

Industrial automation components

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Manufacturer	Siemens
Catalog number	6dr5211-0em00-0aa0
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Brand	Siemens
Part Number	6DR5211-0EM00-0AA0
Product Type	Electropneumatic Positioner
Enclosure Material	Aluminum
Product Type	Electropneumatic Positioner
Communication Protocol	HART
Enclosure Material	Aluminum
Electrical Connection	M20x1.5
Pneumatic Connection	1/4" NPT
Limit Monitor	Not Included
Option Module	Not Included
Fail-Safe Function	Depressurizes actuator on electrical power failure

Description

The Siemens 6DR5211-0EM00-0AA0 is a SIPART PS2 Smart electropneumatic positioner designed for precise control of pneumatic linear and part-turn actuators. This device operates with a 4...20mA (3/4-wire) signal and features HART communication protocol, ensuring reliable and efficient performance in industrial automation applications.

Encased in a compact aluminum enclosure, it offers intrinsic safety (Ex i) protection, making it suitable for hazardous environments. The positioner is single-acting and includes an output isolator

SITRANS I200, which is available separately (7NG4131-1AA00).

Electrical connections are facilitated through an M20x1.5 thread, while pneumatic connections use a 1/4" NPT thread. The device does not include a limit monitor or option module, and it comes with brief instructions in English, German, and Chinese.

In the event of electrical auxiliary power failure, the positioner ensures actuator depressurization, enhancing safety and reliability.