AUTOMATION TRADER

6DR5510-0NG01-0AA1

Industrial automation components

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Manufacturer	Siemens
Catalog number	6dr5510-0ng01-0aa1
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Brand	Siemens
Part Number	6DR5510-0NG01-0AA1
Product Type	Electropneumatic Positioner
Protocol	PROFIBUS-PA
Enclosure Material	Polycarbonate
Explosion Protection	None
Analog Output Module	4...20 mA
Device Plug	M12 (optional with order code -Z D53)
Electrical Connection Thread	M20x1.5
Pneumatic Connection Thread	G 1/4
Isolating Power Supply	SITRANS I100 (7NG4124-1AA00)
Brief Instructions	English, German, Chinese

Description

The Siemens 6DR5510-0NG01-0AA1 is a SIPART PS2 smart electropneumatic positioner designed for precise control of pneumatic linear and part-turn actuators. Operating over the PROFIBUS-PA protocol, this single-acting device features a polycarbonate enclosure without explosion protection.

It offers an analog output module (AOM) with 4...20 mA position feedback and includes a device plug M12, optionally available with order code -Z D53. The connection threads are M20x1.5 for electrical and G 1/4 for pneumatic interfaces.

AUTOMATION TRADER

Automation Trader
960 Capability Green
Luton, Bedfordshire LU1 3PE

VAT ID: PL6463009354
REGON: 527345886
DUNS: 427734105
BDO: 000726360

Phone
+44 7418 359 399

Email
info@automationtrader.com

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An isolating power supply, SITRANS I100 (7NG4124-1AA00), is available separately. Brief instructions are provided in English, German, and Chinese. In standard mode, the device depressurizes the actuator in case of failure of electrical auxiliary power.

A manometer block made of aluminum G¼ with a plastic manometer IP31 (MPa, bar) is included.