6DR5120-0NG01-0AA0

Industrial automation components

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Manufacturer	Siemens
Catalog number	6dr5120-0ng01-0aa0
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Product Type	Smart Electropneumatic Positioner
Signal Range	4...20 mA
Interface	HART
Actuator Type	Double-acting
Enclosure Material	Polycarbonate

Description

The Siemens SIPART PS2 (Part Number: 6DR5120-0NG01-0AA0) is a smart electropneumatic positioner designed for pneumatic linear and part-turn actuators. Operating on a 2-wire system with a 4...20 mA HART interface, it is suitable for double-acting actuators and features a durable polycarbonate enclosure.

The device utilizes non-contacting (wear-free) position detection (NCS) for precise control. It lacks explosion protection and includes an Analog Output Module (AOM) for analog position feedback. Electrical connections are made via M20x1.5 threads, while pneumatic connections use G 1/4 threads.

The device does not come with a limit monitor, manometer block, venting gauge block, or booster. For applications requiring an isolating power supply, the SITRANS I100 (7NG4124-1AA00) is available separately. Brief instructions are provided in English, German, and Chinese.

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