6DR5210-0EG11-0AA0

Industrial automation components

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Manufacturer	Siemens
Catalog number	6dr5210-0eg11-0aa0
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Input Signal	4 to 20 mA
Communication Protocol	HART
Connection Type	4-wire
Enclosure Material	Polycarbonate
Hazardous Area Certification	Ex i

Description

The Siemens SIPART PS2 6DR52100EG110AA0 is an electropneumatic positioner designed for precise control of pneumatic linear and part-turn actuators. This model features a 4 to 20 mA input signal with HART communication, enabling advanced diagnostics and remote configuration.

It operates on a 4-wire connection, ensuring reliable performance in both hazardous and non-hazardous environments. The positioner is housed in a durable polycarbonate enclosure, offering protection against environmental factors.

Its intrinsic safety (Ex i) certification makes it suitable for applications requiring explosion protection. The SIPART PS2 is equipped with non-contacting (wear-free) position detection (NCS), enhancing reliability and reducing maintenance needs.

It supports single-acting actuators and is compatible with various actuator types, providing flexibility in industrial automation applications.

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