7ND4120-1AA11-1AA2

Industrial automation components

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Manufacturer	Siemens
Catalog number	7nd4120-1aa11-1aa2
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Brand	Siemens
Part Number	7ND4120-1AA11-1AA2
Product Type	Display Recorder
Display Size	5 inches
Input Types	mA, mV, V, TC, RTD, R
Relay Outputs	4 x 240 V
Ethernet Interface	Yes
USB Interface	Yes
Transmitter Power	1 GByte GB
Firmware Options	None
Extended System Security (ESS)	None
IP Rating	IP54

Description

The Siemens 7ND4120-1AA11-1AA2 is a SIREC DS display recorder designed for standard applications requiring precise data recording and visualization. This device features a 5-inch TFT display with front dimensions of 144 x 144 mm, providing clear and concise data presentation.

It operates on an AC supply of 50 or 60 Hz, with a voltage range of 90 to 240 V, ensuring compatibility with various industrial power systems. The recorder offers six universal inputs capable of measuring mA, mV, V, thermocouples (TC), resistance temperature detectors (RTD), and resistance

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(R), facilitating versatile data acquisition from diverse sensors.

Additionally, it includes four relay outputs rated for 240 V, enabling integration with control systems for automated responses. Communication interfaces comprise an Ethernet port on the rear and a USB port on the front, allowing seamless data transfer and system integration.

The device is equipped with 1 GByte of transmitter power and optional interfaces, providing flexibility for future expansions. Designed without firmware options and without Extended System Security (ESS), it maintains a straightforward configuration suitable for standard applications.

The recorder's front panel is rated IP54, offering protection against dust and splashes, making it suitable for industrial environments. This model is ideal for applications requiring reliable data recording and visualization, such as process monitoring, quality control, and equipment performance analysis.