7MA2031-0AA00-0AA0

Industrial automation components

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Manufacturer	Siemens
Catalog number	7ma2031-0aa00-0aa0
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Brand	Siemens
Part Number	7MA2031-0AA00-0AA0
Product Type	SIPAN 3P Conductivity Meter
Measuring Range	0.1 µS/cm to 5 µS/cm
Signal Output	0/4 to 20 mA
Alarm Contact	1
Limit Contact	1
Diagnostic Contacts	2
Power Supply	DC 24 V/AC 24 V, 48 to 63 Hz
Measuring Procedure	Two-electrode method (2EL)
Instrument Design	Field housing
Mounting Accessories	Protective hood with base plate, pipe clamp, base plate

Description

The Siemens 7MA2031-0AA00-0AA0 is a SIPAN 3P conductivity meter designed for precise measurement of electrical conductivity in water. Manufactured by Siemens, this device is ideal for applications requiring accurate monitoring of water quality in industrial processes.

Key features include a microprocessor-based system with an illuminated graphic display, membrane keyboard, and menu-based operation supporting multiple languages. It offers one signal output (0/4 to 20 mA), one alarm contact, one limit contact, and two diagnostic contacts.

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The device operates on a power supply of DC 24 V/AC 24 V, 48 to 63 Hz. The measuring procedure utilizes a two-electrode method (2EL) as the standard setting. The instrument is housed in a field housing configuration.

For mounting on a pipeline, accessories such as a protective hood with base plate, pipe clamp, and base plate are available. The device is suitable for applications requiring precise conductivity measurements in water, ensuring optimal process control and water quality monitoring.