7ME6820-3TC04-1CA2

Industrial automation components

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Manufacturer	Siemens
Catalog number	7me6820-3tc04-1ca2
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Product Type	Electromagnetic Flowmeter
Connection Type	Flanged
Lining Material	EPDM
Electrode Material	Hastelloy
Corrosion Resistance	Category C4
Frequency	50 Hz
Transmitter Type	Separate Basic Version
Cable Length	10 meters (32.8 feet)

Description

The Siemens 7ME6820-3TC04-1CA2 is a SITRANS FM MAG 8000 CT electromagnetic flowmeter designed for precise volumetric flow measurement of conductive liquids, particularly in water applications. This battery-operated device is suitable for custody transfer metering, ensuring accurate billing and regulatory compliance.

It features a flanged connection (DN100, 4 inches) conforming to EN 1092-1: PN 16 standards, ensuring robust installation. The internal lining is made of EPDM, and the electrodes are crafted from Hastelloy, providing excellent corrosion resistance.

The device is coated with a corrosion-resistant layer classified as category C4, ensuring durability in harsh environments. The SITRANS FM MAG 8000 CT operates within a frequency range of 50 Hz, suitable for European installations.

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The transmitter is a separate basic version with a fixed cable length of 10 meters (32.8 feet), equipped with IP68/NEMA 6P connectors, ensuring reliable performance in demanding conditions. This flowmeter is ideal for applications in water abstraction, distribution networks, revenue metering, and custody transfer metering, offering precise and reliable flow measurement solutions.

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