7ME3300-1BE10-1NB0

Industrial automation components

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Manufacturer	Siemens
Catalog number	7me3300-1be10-1nb0
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Brand	Siemens
Part Number	7ME3300-1BE10-1NB0
Product Type	Ultrasonic Flowmeter
Pipe Size Range	DN50 to DN300 (2" to 12")
Sensor Material	Cast Steel (EN 1.0025-S235JRG2)
Flange Standard	EN1092-1 PN16
Sensor Protection Rating	IP67
Transmitter Model	SITRANS FUS060
Transmitter Enclosure Rating	IP65 (NEMA 4)
Power Supply	24 V AC/DC
Output Signals	HART, 4-20 mA, Pulse (Active/Passive), Relay
Transducer Cable Length	4 x 3 meters

Description

The Siemens 7ME3300-1BE10-1NB0 is an ultrasonic flowmeter from the SITRANS F US SONO 3300 series, designed for precise volumetric flow measurement of liquids in industrial applications. This model features a nominal diameter of DN80 (3 inches) and is suitable for pipe sizes ranging from DN50 to DN300 (2" to 12").

It is constructed with cast steel (EN 1.0025-S235JRG2) and includes EN1092-1 PN16 flanges. The sensor operates with an IP67 protection rating, ensuring durability in harsh environments. The SITRANS

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FUS060 transmitter is mounted separately and offers an IP65 (NEMA 4) enclosure.

It supports a power supply of 24 V AC/DC and provides outputs including HART, 4-20 mA, pulse (active/passive), and relay. The transducer cables are 4 x 3 meters in length, accommodating various installation requirements.

This flowmeter is ideal for applications involving water and wastewater, oils, and liquefied gases, as well as hot water and cooling systems.