



Datasheet for

SITRANS F M MAG 3100 P

Ordering data:

7ME63401VJ132CB2

C14

General

Manufacturer	Siemens
Supplier	Siemens
Brand name	SITRANS MAG 3100 P
Type designation	Sensor SITRANS FM MAG 3100 P breve tiempo de suministro
Net weight	10,687 kg

Mode of operation and application

Measuring principle	electromagnetic induction
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Rated conditions

Process temperature	-20 °C...+130 °C
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Environmental conditions

Ambient temperature during operation	-20 °C...+60 °C
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Degree of protection

IP rating	IP67
NEMA rating	NEMA 4X, NEMA 6

Design

Mechanical design

Design of the housing	compact version, transmitter integrated
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Process connection

Design	flange
Standard	ANSI B16.5
Nominal size	1/2"
Pressure rating	Class 150

Material

Process connection

Material	carbon steel
Material number according to AISI	Z0008

Housing

Material	carbon steel
Material number according to AISI	A 150

Sensor

Material of the measuring pipe	stainless steel
Material number of measuring pipe according to DIN EN 10027-2	14301
Material number of measuring pipe according to AISI	304
Material of the liner	polytetrafluoroethylene (PTFE)

Miscellaneous

Material of the electrodes	nickel alloy (Hastelloy C276)
Material of the terminal box	Fibre glass reinforced polyamide

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Dimensions

Installation length	200 mm
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Electrical connections

Number of cable entries	2
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Design of the cable entry	1/2" NPT
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Communication	
Protocol	HART

The information provided in this data sheet contains descriptions or characteristics of performance which in case of actual use do not always apply as described or which may change as a result of further development of the products. An obligation to provide the respective characteristics shall only exist if expressly agreed in the terms of contract. Availability and technical specifications are subject to change without notice.