

SIMATIC INDUSTRIAL AUTOMATION

Product Data Sheet

7ME3510-1CA00-0AA0

electromagnetic flow sensor

FUNCTION electromagnetic flow sensor	FAMILY SIMATIC industrial automation	ORIGIN Germany	WEIGHT 1 kg
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Siemens Simatic S7 7ME3510-1CA00-0AA0 is a electromagnetic flow sensor for the SIMATIC industrial automation. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Sensor Family	SITRANS F M MAG 5100 W
Measurement Principle	Electromagnetic flow
Liner Material	Hard rubber
Electrode Material	Hastelloy
Process Connection	Flanged
Protection Degree	IP67
Signal Connection	Remote transmitter
Conductivity Requirement	5 µS/cm minimum
Pipe Direction	Bidirectional measurement
Calibration	Factory wet calibration

- Gas treatment and metering stations: Machine Control Systems
- Polymer preparation and extrusion lines: Facility Automation Systems
- Tablet compression and coating suites: Remote Station Systems

Match 7ME3510-1CA00-0AA0 to the installed SIMATIC industrial automation, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

[Siemens official manufacturer documentation](#)

<https://mall.industry.siemens.com/mall/en/kettanehjoown/Catalog/Product?SiepCountryCode=OE&mlfb=7ME3510-1CA00-0AA0>