



PROCESS INSTRUMENTATION

Is your SITRANS FM MAG meter **performing at its best?**

The SITRANS FM Vericator along with Siemens internal verification capabilities provide an unparalleled level of reliability in on-site verification

usa.siemens.com/mag

SIEMENS



Figure 1 - FMT020 Verifier



Figure 2 - 1MAG 5000/6000 Verifier



Figure 3 - Siemens Family of Magmeter Products

There are many reasons to verify the performance of your Siemens electromagnetic flow meter. Whether you need to ensure that the meter's accuracy complies with local agency requirements, provide a customer with a certificate of verification for billing purposes, or simply perform some troubleshooting, the Siemens magmeter family provides options for both internal verification or independently certified external verification.

Siemens has always offered certified and traceable verification of magmeter performance using the Siemens Verifier. This reliable and easy-to-use on-site verification system performs a variety of fully automated tests to check:

- Insulation of the entire flow meter system, including cables
- Magnetic properties of the sensor
- Signal converter gain, linearity and zero point
- Signal converter digital and analog output

And, once testing is complete, the Verifier can provide you with printed reports certifying all results. Siemens continues this offering with our new FMT020 transmitter and the FMT020 Verifier.

Wide range of products

The Siemens electromagnetic sensors can utilize the Siemens Verifier for independent verification when combined with either the MAG 5000/6000 transmitters (polyamid and rack mount configuration only) or the FMT020:

Products include:

MAG5000/6000	FMT020
MAG5100W	FM520
MAG1100	FM120
MAG1100F	
MAG3100	FM320
MAG3100P	

Siemens magmeter internal verification

For those times when you want to make a quick "on the spot" verification of your magmeter's performance, Siemens now offers an internal verification capability. For the MAG5000/6000/6000i with HART, MAG8000 Battery powered, and the FMT020 with HART or Modbus this is accomplished with Siemens' SITRANS PDM software, which can also be used for configuration. With the FMT020 with either Profinet or Ethernet IP this is accomplished using the Webserver Feature included with those Communication modules. In both scenarios you can generate a verified qualification certificate that analyzes key diagnostics and measurements to assure that your Siemens magmeter is working properly.

Take advantage of our versatility

While nothing replaces the security of an externally certified verification of your magmeter's health and operating status, having a supplier who can provide you with both internal and external verification offers you the convenience of flexible checks, the ability to follow up with a comprehensive confirmation, and the peace of mind that comes from knowing that your magmeter has been independently certified.

Legal Manufacturer

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