TÜVRheinland®
Precisely Right.

CONFIRMATION

of Product Conformity (QAL1)

AMS designation:	MT100 for velocity
Manufacturer:	Fluid Components International LLC La Costa Meadows Drive 1755 92078 San Marcos USA
Test Laboratory:	TÜV Rheinland Energy GmbH

This is to certify that the AMS has been tested according to the standards

EN 15267-1 (2009), EN 15267-2 (2009), EN 15267-3 (2007)
EN 16911 (2013) and EN 14181 (2015).

The AMS underwent independent expert testing and was accepted.
This confirmation is valid up to the publication of the certificate,
but no longer than 6 months from the date of issue
(this document contains 4 pages).

This confirmation is valid until: 14. December 2021

TÜV Rheinland Energy GmbH
Cologne, 15 June 2021

i. V. Dipl.-Ing. G. Baum

i. A. Dipl.-Ing. C. Röllig

www.umwelt-tuv.eu tre@umwelt-tuv.eu Phone. +49 221 806-5200	TÜV Rheinland Energy GmbH Am Grauen Stein 51105 Köln

Test institute accredited to EN ISO/IEC 17025 by DAkkS (German Accreditation Body).
This accreditation is limited to the accreditation scope defined in the enclosure to certificate D-PL-11120-02-00.

Test Report:	936/21247922/A of 11 February 2021
Expiry date:	14. December 2021

Approved application
The tested AMS is suitable for use at combustion plants according to Directive 2010/75/EU, chapter III (13th BImSchV), chapter IV (17th BImSchV), 30th BImSchV, 44th BImSchV, plants in compliance with TA Luft and plants according to the 27th BImSchV. The measured ranges have been selected so as to ensure as broad a field of application as possible.

The suitability of the AMS for this application was assessed on the basis of a laboratory test and a three-months field test at a municipal waste incinerator.

The AMS is approved for an ambient temperature range of -20 °C to +50 °C.

The notification of suitability of the AMS, performance testing and the uncertainty calculation have been effected on the basis of the regulations applicable at the time of testing. As changes in legal provisions are possible, any potential user should ensure that this AMS is suitable for monitoring the velocities relevant to the application.

Any potential user should ensure, in consultation with the manufacturer, that this AMS is suitable for the intended purpose.

Basis of the confirmation
This confirmation is based on:

- Test report 936/21247922/A of 11 February 2021 by TÜV Rheinland Energy GmbH
- Suitability announced by the relevant body
- The ongoing surveillance of the product and the manufacturing process
- Expert testing and approval by an independent body

AMS designation:
MT100 for velocity

Manufacturer:
Fluid Components International LLC., San Marcos, USA

Field of application:
For plants requiring official approval and for plants according to the 27th BImSchV

Measuring ranges during performance testing:

Component	Certification range	Unit
Velocity	0 – 30	m/s

Software version:
3.08M

Restriction:
The instrument is only fit for purpose in waste gas which is not saturated with water vapour.

Note:
The maintenance interval is four weeks.

Test Report:
TÜV Rheinland Energy GmbH, Cologne
Report no.: 936/21247922/A of 11 February 2021

TÜVRheinland®
Precisely Right.

Tested product

This confirmation applies to automated measurement systems conforming to the following description:

The AMS tested here consists of one or more measuring probes, in which one heated and one unheated sensor is installed per probe, as well as the electronics / control unit. The individual signals of the measuring probes (up to eight) result in an output signal that represents the total flow. The number of measuring probes results from the dimensions of the flue gas ducts where the probes are to be installed later and the volume flow determined.

During the performance test, 2 control units with 2 measuring probes each (1A and 2A) were used. Through this potential combination of the number of probes and sensors, the smallest possible number of measuring probes was tested and, in addition, a practice-oriented distribution of the sampling points is possible.

The software version 3.08M has not changed over the entire audit period.

The AMS tested here comprises the following components:

- Two electronics / control units 675808 / 675809
- Four measuring probes 675808-1A and 2A / 675809-1A and 2A, length during the performance test 533 mm each
- Manual version: 06EN303460 Rev. E
- Operating software ST MT Configurator
- Software version 3.08M