EU-Declaration of Conformity

in accordance with EU-Directive 2014/34/EU
on equipment and protective systems intended for use
in potentially explosive atmospheres

We declare under sole responsibility, that the products listed below are in compliance with the requirements of EU-Directive 2014/34/EU and that these products are not stand alone devices, but are intended for installation as a part of a machine or system, whereby operation is prohibited until such time as it is ensured that the machine or system, in its entirety, is in compliance with the EU-Directives.

Float-type Flowmeter, Series RVM/U-2 30x70

The flowmeter is used for measuring and monitoring the continuous volume flow of liquids and is suitable for use with explosion-proof limit contacts with the designation SEM-A and / or SEM-E (Type –examination PTB 03 ATEX 2154 X).
A separate Declaration of Conformity exists for these contacts.

The float-type Flowmeters of the RVM/U-2 30x70 series comply with the requirements of EU-Directive 2014/34/EU and are categorized as follows:

Interior of the Flowmeter:

Equipment group II, category 2 G, for gases of gas group IIB, temperature classification TX

Marking: Interior  

Ex II 2 G IIB TX

Exterior of the Flowmeter:

Equipment group II, category 2 G or 2 D, for gases of gas group IIC or combustible dust, temperature classification TX

Marking: Exterior  

Ex II 2 GD IIC TX
During the conformity appraisal procedures, it was found that no effectual ignition source is existent, if the device is employed and operated as intended and in compliance with all requirements of the operating instructions for RVM/U-2 30x70 module BASICS and RVM/U-2 30x70 module ATEX. Meister Strömungstechnik GmbH therefore affixes the Ex-marking under its own responsibility.

Conformity of the described product with Directive 2014/34/EU is proven through full compliance with the following standards:

**Harmonized European standards:**

**EN 13463-1:2009**  
Non-electrical equipment for use in potentially explosive atmospheres - Part 1: Basic method and requirements

**EN 1127-1:2011**  
Explosive atmospheres - Explosion prevention and protection - Part 1: Basics concepts and methodology

Copies of the technical documentation for the conformity appraisal procedure are deposited at:

**Bureau Veritas Consumer Products Services Germany GmbH**  
**Businesspark A96, 86842 Türkheim, Germany**

**Identification number of notified body:** 2004  
**Accession number:** 11TH0271

Place and date/  
Wiesen, June 2, 2016  

Name and signature of authorized person  
Rosemarie Mill  
Managing Director