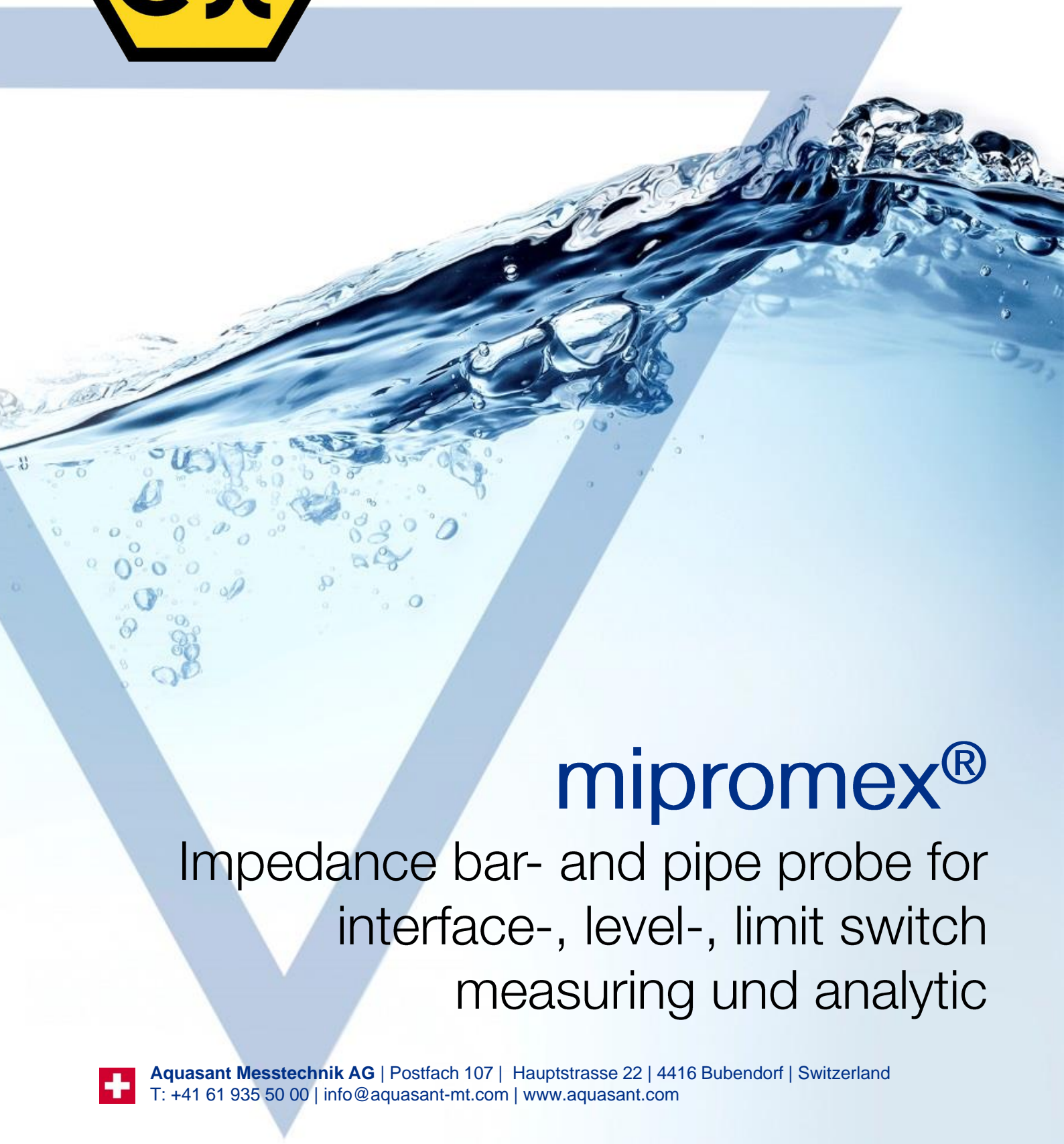


CERTIFICATE: ATEX / ISO



mipromex[®]

Impedance bar- and pipe probe for
interface-, level-, limit switch
measuring und analytic





CERTIFICATE

Certificate no. 6972

aquasant 

Aquasant Messtechnik AG
Hauptstrasse 22
CH-4416 Bubendorf

QS ZÜRICH AG certifies that the management system of the above mentioned company and location(s) has been evaluated and meets the requirements established by the following rules:

ISO 9001: 2015

The management system includes:

Development, manufacturing and sales of measuring-, monitoring- and controlling-equipment for the chemical industry, the biotechnology, the food industry and the petrochemistry

During the period of validity of this certificate, the management system of the company must always comply with the requirements of the certified standards.

For updated amendments within the scope of certification of the present certificate, please refer to

<http://www.quality-service.ch/>



First certification date:

01.03.1996

Date of issue:

25.05.2021

Expiration date:

01.07.2024

Subject to successful surveillance audit

QS ZÜRICH AG

P.O. Box 6335

CH-8050 Zürich

info@quality-service.ch




Management



1 **PRODUCTION/PRODUCT QUALITY ASSURANCE NOTIFICATION**

2 **Equipment and protective systems intended for use in potentially explosive atmospheres Directive 2014/34/EU**

Conformity to Type based on Quality Assurance of the Production Process/Product Quality Assurance

3 Notification No. **KIWA 19ATEXQ1234**

4 Equipment, protective system or components as listed:

Controllers and sensors for Impedance measuring technique of parting, threshold, level;
Electro-optical fluid overfill protection;
Electro-optical turbidity measurement;
Treshold conductivity sensor technique;
Radar level measurement

Flameproof Enclosures (d)
Increased Safety (e)
Non-electrical equipment (h)
Intrinsic Safety (i)
Encapsulation (m)
Optical Radiation (op is)
Dust Ignition Protection by Enclosure (t)

5 Manufacturer or
Authorised Representative:

Aquasant Messtechnik AG
Hauptstr. 22
4416 Bubendorf
Switzerland

6 Manufacturing locations: As above

7 CSA Group Netherlands B.V., notified body number 2813 in accordance with Article 17 of the Council Directive 2014/34/EU, notifies that the manufacturer has a quality system which complies with the requirements of Annexes IV & VII of Directive 2014/34/EU.

8 This notification is based upon Report No. 80135863 issued on 22 July 2022. This notification can be withdrawn if the manufacturer no longer satisfies the requirements of Annexes IV/VII. Results of periodical assessment of the quality system form part of this notification.

9 According to Article 16 [3] of Directive 2014/34/EU the CE marking shall be followed by the identification number 2813 of CSA Group Netherlands B.V., as the Notified Body involved in the production control stage.

Date of Initial Certification: 06 November 2019

Date of Issue: 18 August 2022

Date of Expiry: 24 October 2025

Michelle Halliwell

On behalf of CSA Group Netherlands B.V.



Notification No. **KIWA 19ATEXQ1234**

This certificate remains valid subject to the company maintaining its system to the required standards, which will be monitored by CSA. The use of this certificate, marks and logos are subject to the Regulations Applicable to Holders of CSA Group Netherlands BV certificates
CSA Group Netherlands B.V. Utrechtseweg 310, Building B42, 6812AR, Netherlands

EU DECLARATION OF CONFORMITY



Manufacturer: Aquasant Messtechnik AG, Hauptstrasse 22, 4416 Bubendorf, Switzerland
Brand: aquasant®
Notified body: N° 2813, CSA Group Netherlands B.V.
Description: Mipromex Evaluation and control devices for rod, rope, flat and pipe probes for limit value, level, interface and analysis with impedance measuring electronics, according to ATEX 16 type code.

We hereby declare under our sole responsibility that the products:

Inspection certificate number	SEV 09 ATEX 0132	Electrosuisse SEV Nr.: 1258
Product / type	Microprocessor-control unit «mipromex®» M** **** *	

comply with the following European guidelines under the harmonised standards or normative documents:

ATEX RL 2014/34/EU	EN 1127-1:2019 EN 60079-0:2018 EN 60079-11:2012
EMV RL 2014/30/EU	EN 61000 EN 61326
RoHS RL 2011/65/EU	EN IEC 63000:2018

The standards listed may deviate from those in the type examination certificate. In this case Aquasant Messtechnik AG declares that the product complies with the updated standards and that the basic safety and health requirements are met.

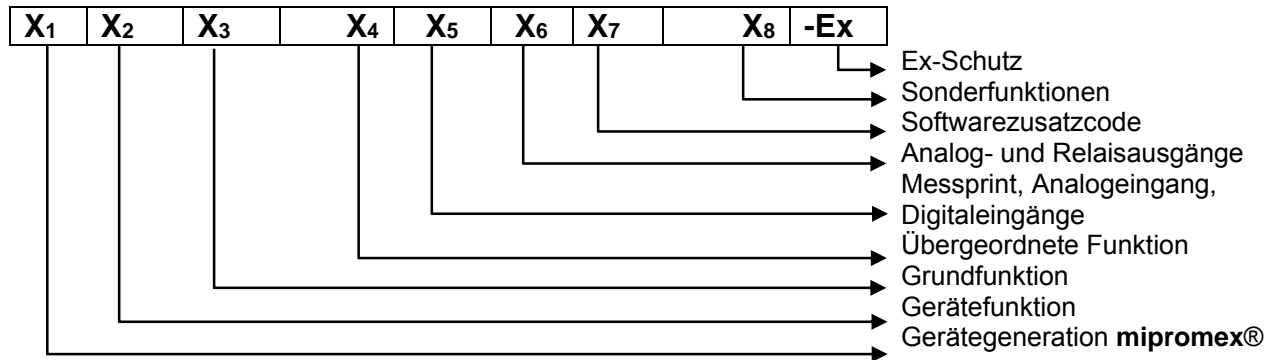
Bubendorf, 24.09.2021



Roger Inauen
Head Manufacturing



mipromex®-Typenschlüssel:



X₁ M = **mipromex®**

X₂ A = Analog I = Interface
P = Product L = Level

X₃ C = Concentration M = Monitoring T = Transmitter
R = Recognition Q = Quality S = Switch
L = Level U = Universal

X₄ 1 = Grenzwert 4 = Analogausgang 7 =
2 = Leermelder 5 = Universal neu 8 = Trennschicht
3 = Vollmelder 6 = Füllstand 9 = Produkt (Qualität, Art, Konzentration)

X ₅	Messprint	MW von 2. Gerät	Analogeingang	Digitaleingänge
1	1			3
2	2			3
3	2	1 MW ab Rackbus		3
4	2	2 MW ab Rackbus		3
5	1		1	3
6	2		1	3

X ₆	Relais	OC	Analogausgang	DC-Wandler
0	2			
1		1/2	1	1
2		2	2	1
3	2		1	1
4		2	2	2
5	2		2	2
6	2		2	1
7		2		
8	2 intern		1	1
9	1		1	1

Ein DC-Wandler mit Potentialtrennung, Analogausgang gegenüber Speisespannung; Zwei DC-Wandler, zusätzlich Potentialtrennung, Analogausgänge gegeneinander

X₇ 0 = Standard - Software
1 = 1. Erweiterung einer Standard - Software

X₈ - = ohne
C = Controller Regler (Gerät mit Reglerfunktion) z.B. **MIL 8110 C** Trennschichtniveauregler
P = Product compensation
S = Segment

Ex Ex = mit Ex-Schutz nach ATEX II(2)G [Ex ia] IIC // II(2)D [Ex iaD]
Exd = mit Ex D-Schutz nach ATEX II(2)GD [Ex d ia] IIC
NEx = ohne Ex-Schutz auf Messprint

Appendix

(13)

(14)

EC-Type Examination Certificate SEV 09 ATEX 0132

(15) Description of the equipment

The type M** **** * Microprocessor control unit "mipromex®" serve to supply power and evaluate measuring impulses. They may also be equipped for monitor-ing limit values.

(16) Test Report

08-IK-0396.01

(17) Special conditions for safe use

none

(18) Fundamental essential health and safety requirements

Fulfilled by the standards applied

(19) Marking

The marking of the equipment shall include the following:

For standard version:

 II (2)G [Ex ia] IIC
 II (2)D [Ex iaD] resp.

For the execution for supply of the probes in ignition protections „Ex d ia“

 II (2)GD

Electrosuisse SEV
 Certification Body ATEX

Fehraltorf, 2008-06-25

Martin Plüss
 Product Certification



Overview application mipromex[®] types MIQ/MIL/MLT/MAT/MLS/MPR

Interface:

Batch-separation or continuous interfacial layer measurement, detection of two immiscible liquids.

Level:

Level measurement for a wide range of applications (product-compensated for process level measurement); for organic to aqueous liquids, foams or powders

Limit Switch:

Full / empty or level indicator for organic to aqueous liquids, foams or powders with very small bulk densities

Process Analytic:

Product monitoring and identification, concentration and endpoint determination of organic chemical reactions

