

 IECEX Certificate of Conformity	
INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres <small>for rules and details of the IECEX Scheme visit www.iecex.com</small>	
Certificate No.:	IECEX IBE 11.0006X issue No.:0 Certificate history:.....
Status:	Current
Date of Issue:	2011-06-20 Page 1 of 3
Applicant:	FLEXIM Flexible Industriesstechnik GmbH Wolfener Str. 36 12681 Berlin Germany
Electrical Apparatus: Optional accessory:	Ultrasonic Flowmeter type FLUXUS *808*-A1
Type of Protection:	Flameproof enclosure "d", Increased safety "e", Protection by enclosure "tb"
Marking:	Ex de IIC T6 Gb Ex tb IIIC T100°C -40 °C ≤ Ta ≤ +60 °C
Approved for issue on behalf of the IECEX Certification Body:	Prof. Dr. Tammo Redeker
Position:	Head of Certification Body
Signature: (for printed version)	_____
Date:	_____
1. This certificate and schedule may only be reproduced in full. 2. This certificate is not transferable and remains the property of the issuing body. 3. The Status and authenticity of this certificate may be verified by visiting the Official IECEX Website.	
Certificate issued by: IBExU Institut für Sicherheitstechnik GmbH Certification Body Fuchsmühlenweg 7 09599 Freiberg Germany 	
 IECEX Certificate of Conformity	
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Manufacturer:	FLEXIM Flexible Industriesstechnik GmbH Wolfener Str. 36 12681 Berlin Germany
Manufacturing location(s):	
This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEX Quality system requirements. This certificate is granted subject to the conditions as set out in IECEX Scheme Rules, IECEX 02 and Operational Documents as amended.	
STANDARDS: The electrical apparatus and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards:	
IEC 60079-0 : 2007-10 Edition: 5	Explosive atmospheres - Part 0:Equipment - General requirements
IEC 60079-1 : 2007-04 Edition: 6	Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
IEC 60079-31 : 2008 Edition: 1	Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"
IEC 60079-7 : 2006-07 Edition: 4	Explosive atmospheres - Part 7: Equipment protection by increased safety "e"
<i>This Certificate does not indicate compliance with electrical safety and performance requirements other than those expressly included in the Standards listed above.</i>	
TEST & ASSESSMENT REPORTS: A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in	
Test Report: DE/IBE/ExTR11.0006/00	

Quality Assessment Report:

DE/IBE/QAR11.0003/00



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

The Ultrasonic Flowmeter type FLUXUS *808**-A1 is conceived to measure the flow of process media in pipes or conduits.

The equipment consists of a flameproof enclosure with electronic assembly and a terminal compartment with type of protection increased safety for the power supply and for the connection of the ultrasonic transducers.

Technical data:

Nominal voltage	100...240 V AC, 11...16 V DC, 20...32 V DC, 40...60 V DC
Power input	maximum 8 W
Degree of protection	IP 66 according to IEC 60529
Ambient temperature	-40 °C up to +60 °C

CONDITIONS OF CERTIFICATION: YES as shown below:

Repairs of the flameproof joints must be made in compliance with the constructive specifications provided by the manufacturer. Repairs must not be made on the basis of values specified in tables 1 and 2 of IEC 60079-1