IECEx Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION
IEC Certification Scheme for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.:	IECEx TUN 13.0018X issue No.:2	Certificate history: Issue No. 2 (2016-6-8) Issue No. 1 (2016-5-10) Issue No. 0 (2014-3-21)
Status:	**Current**	
Date of Issue:	**2016-06-08**	Page 1 of 4

Applicant: **LABOM Mess- und Regeltechnik GmbH**
Im Gewerbepark 13
27798 Hude
Germany

Equipment: **Pressure Transmitter type PASCAL Ci4**
Optional accessory:

Type of Protection: **Intrinsic Safety**

Marking: Ex ia IIC TX Ga/Gb resp. Ex ia IIC TX Gb resp.
Ex ia IIIC Txx°C Da/Db resp. Ex ia IIIC Txx°C Db
(See Annexe)

Approved for issue on behalf of the IECEx Certification Body: Andreas Meyer

Position: Head of IECEx CB

Signature:
(for printed version)

Date: 2016-06-08

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:

TÜV NORD CERT GmbH
Hanover Office
Am TÜV 1
30519 Hannover
Germany

TÜV NORD

IECEx Certificate of Conformity

Certificate No.: IECEx TUN 13.0018X

Date of Issue: **2016-06-08** Issue No.: **2**

Manufacturer: **LABOM Mess- und Regeltechnik GmbH**
Im Gewerbepark 13
27795 Hude
Germany

Additional 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 : 2011 Edition: 6.0	Explosive atmospheres - Part 0: General requirements
IEC 60079-11 : 2011 Edition: 6.0	Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
IEC 60079-26 : 2014-10 Edition: 3.0	Explosive atmospheres – Part 26: Equipment with Equipment Protection Level (EPL) Ga

*This Certificate **does not** indicate compliance with electrical safety and performance requirements other than those expressly included in the Standards listed above.*

TEST & ASSESSMENT REPORTS:
A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in

Test Report:
DE/TUN/ExTR13.0021/02

Quality Assessment Report:

DE/TUN/QAR06.0014/04

IECEx Certificate of Conformity

Certificate No.: IECEx TUN 13.0018X

Date of Issue: **2016-06-08** Issue No.: **2**

Schedule

EQUIPMENT:
Equipment and systems covered by this certificate are as follows:

See Annexe

CONDITIONS OF CERTIFICATION: YES as shown below:

1. Since the intrinsically safe circuit is connected with the earth potential for safety reasons, potential equalization has to exist in the complete course of the erection of the intrinsically safe circuit.

2. For EPL Ga/Gb applications the medium tangent materials have to be resistant to the media. Observe manual of the manufacturer.

IECEx Certificate of Conformity

Certificate No.: IECEx TUN 13.0018X

Date of Issue: **2016-06-08** Issue No.: **2**

DETAILS OF CERTIFICATE CHANGES (for issues 1 and above):

A correction of a fault in the temperature tables was done:
The lowest temperature of the medium for EPL Gb and EPL Da/Db or EPL Db applications is not restricted to -20 °C; the correct lowest temperature -40 °C.
The lowest temperature -40 °C was also mentioned in the corresponding tables in issue 0 of this CoC.
See Annexe.

Annex: _Annexe_issue 2 COC_PASCAL Ci4_TUN13.0018X.pdf