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 UL 14.0006X	Issue No: 3	Certificate history:

Status: **Current**

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Date of Issue: **2016-09-30**

Applicant: **BEI Sensors, Industrial Encoders Division**
1461 Lawrence Drive
Thousand Oaks, CA 91320
United States of America

Equipment: **Industrial Encoder, H38 Industrial Encoder, Part No. 01059**
Optional accessory:

Type of Protection: **Flameproof "d"**

Marking:

Ex d IIB T4 Gb

-50°C to +90°C

Approved for issue on behalf of the IECEx
Certification Body:

Paul T. Kelly

Position:

Principal Engineer - Global Hazardous Locations

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:

UL LLC
333 Pfingsten Road
Northbrook IL 60062-2096
United States of America

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Manufacturer: **BEI Sensors, Industrial Encoders Division**
1461 Lawrence Drive
Thousand Oaks, CA 91320
United States of America

Additional Manufacturing location(s):

Custom Sensors & Technologies de Mexico S.A. de C.V.

Avenida Produccion 2181

Parque Industrial Internacional Tijuana

Tijuana, Baja California 22425

Mexico

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 60079-1 : 2007-04
Edition:6

Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"

*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:

US/UL/ExTR14.0007/03

Quality Assessment Report:

US/UL/QAR09.0004/06   US/UL/QAR15.0002/01

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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

The H38 product, part no. 01059 is an Industrial Encoder, shaft position transmitter. The product is provided with a cast aluminium enclosure of explosion-proof design incorporating electrical components providing data for remote shaft position indication. The enclosure has provision for connection to threaded rigid metal conduit.

SPECIFIC CONDITIONS OF USE: YES as shown below:

Flameproof joints differ from the minimum amd maximum dimensions per Table 1 of IEC 60079-1. Reference Drawing No 01059-000 for construction details.

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

Issue 1: An alternate manufacturing location was added.

Issue 2: Addition of updated label drawing.

Issue 3: The label and assembly drawings were updated with a new applicant address.