

# EU DECLARATION OF CONFORMITY

## H38 Explosion Proof/ Flame Proof Encoder

**Manufacturer's Name and address:** BEI Sensors  
1461 Lawrence Drive  
Thousand Oaks, CA 91320  
USA

**Product Quality Assurance Report:** US/UL/QAR09.0004/04  
**Product Quality Assurance Notification:** 09 ATEX Q135241 Rev. 2

**Manufacturer's technical document contact:** Jean-Marc Hubsch, Engineering Manager  
**Person to be notified in event of assessment:** Mat Bagneski, Sr. Mechanical Engineer

### Declares that the product:

**Product Name:** Model H38 Explosion Proof/Flame Proof Encoder

**Model Numbers:** H38 followed by several letters and numbers indicating electronic and mechanical variations and shall include CEN certification option

**Product Options:** This declaration covers all resolution, channel and output type options of the above product model as noted on the standards and DEMKO certificate cited below.

### EMC:

Complies with the protection requirements of European Council Directive 2014/30/EU on the approximation of the laws of the member states relating to electromagnetic compatibility, against EMC test specifications:

**EN 61000-6-4:2011+A1:2011 and EN 61000-6-2:2005**

### IECEx Hazardous Location:

Complies with these Standards and represents "state of the art" for products of this type:

**IEC 60079-0: 2011**  
**IEC 60079-1: 2007-04**

### As detailed in:

Certificate: **IECEx UL 14.0006X Issue No. 3**

**Ex d IIB T4 Gb** For all Model H38 w/ CEN option

**Assessed by:** UL LLC  
333 Pfingsten Road  
Northbrook, IL 60062-2096  
United States of America

### ATEX Hazardous Location:

Complies with these Standards and represents "state of the art" for products of this type:

**EN 60079-0: 2012+A11: 2013**  
**EN 60079-1: 2007**

### As detailed in:

DEMKO Certificate: **03 ATEX 1307137X Rev. 2**

**II 2 G Ex d IIB T4 Gb** For all Model H38 w/CEN option

**Assessed by:** UL International Demko A/S  
Borupvang 5A, 2750  
Ballerup, Denmark  
Notified body No: 0539

The supplier of the electrical apparatus referred to in this declaration has the responsibility to ensure that the apparatus conforms to the specifications listed above and satisfied routine verifications and tests specified therein. The product herewith complies with the requirements of Annex IV of the ATEX Safety Directive 2014/34/EU.

For and on behalf of BEI Sensors,



Mat Bagneski  
Sr. Mechanical Engineer  
12 September 2018

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