

EU DECLARATION OF CONFORMITY

Intrinsically Safe Encoder

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

Product Quality Assurance Report: **US/UL/QAR09.0004/05**
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: Intrinsically Safe Encoders

Model Numbers: H20, HS20, H25, HS25, HS35 and HS45 and followed by several letters and numbers including 5V/V, 5V/OC, 5V/OCR and 9V/OC and including EX certification option.

Product Options: This declaration covers all resolution, channel and output type options of the above product model as noted on the IECEx and DEMKO certificates 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 61000-6-4:2007+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 60079-11:2011
IEC 60079-26:2006

As detailed in:

Certificate: **IECEx UL 12.0035X Issue No. 3**

Ex ia IIC T4 Ga For 5V/V, 5V/OC & 5V/OCR
Ex ia IIB T4 Ga For 9V/OC Model 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 60079-11:2012
EN 60079-26:2007 and EN 60079-26:2015

As detailed in:

DEMKO Certificate: **06 ATEX 0614247X Rev. 4**

II 1 G Ex ia IIC T4 Ga For 5V/V, 5V/OC & 5V/OCR
II 1 G Ex ia IIB T4 Ga For 9V/OC Model 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
20 September 2018

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