



## **EU DECLARATION OF CONFORMITY**

**Declaration No. 0117112XR Rev 8**

**We, the undersigned:**

Nidec Conversion  
243 Tuxedo Avenue  
Brooklyn Heights, Ohio 44131

**Declare under our sole responsibility that the following apparatus:**

Industrial Incremental Encoders Model # (s): XR5, XR12, XR125, XR485, XR685, XR850, XR56A, XR56S,  
XR67A, XR85A, XR115, XR45, XR47, XR4F  
Industrial Isolator Model #: XRB2, XRB3

**Are in conformity with the following relevant EU legislation:**

ATEX directive 2014/34/EU  
EMC directive 2014/30/EU

**Based on the following harmonised standards:**

EN IEC 60079-0:2018, EN60079-11:2012  
EN61000-6-4:2007/A1:2011, EN 61000-6-2:2005

and therefore complies with all of the relevant essential requirements of those directives.

**The following Notified Body has been involved in the conformity assessment process:**

Notified Body UL International Demko  
Notified Body No. 0539  
Role: Issue of ATEX EU Type Examination Certificate  
Certificate No. UL 23 ATEX 3085X Issue 1 and UL 23 ATEX 3086X Issue 1  
Test Report No. US/UL/ExTR23.0083/01

Notified Body UL International Demko A/S  
Notified Body No. 0539  
Role: Issue of quality assurance Annex IV Certificate  
Notification No. 09 ATEX Q132948

ATEX coding Isolator XRB3 Ex II (2) GD [Ex ia Gb] IIC  
[Ex ia Db] IIIC  
Encoders Ex II 3GD Ex ic IIC T4 Gc  
Ex ic IIIC T200°C Dc  
Ex II 2GD Ex ia IIC T4 Gb  
Ex ia IIIC T200°C Db  
Encoders and isolator, except XR485N and XR685N models Ta = -40°C to +80°C  
Encoders XR485N and XR685N Ta = -20°C to +80°C

Signature

Name

Christine Jackson  
ATEX Representative

Function/Title

Date of Issue

2012-06-08

Date of Revision

2025-07-11

**Nidec Makes the Most Reliable Encoders in the World**

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