



EU DECLARATION OF CONFORMITY

Declaration No. 0117112XR Rev 9

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 and UL 23 ATEX 3086X
Test Report No. US/UL/ExTR23.0083

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
Function/Title ATEX Representative
Date of Issue 2012-06-08
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Nidec Makes the Most Reliable Encoders in the World

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