

EU DECLARATION OF CONFORMITY

Declaration No. **0117112XR Rev. 4**

We, the undersigned:

Nidec Avtron Automation Corp.
8901 East Pleasant Valley Rd.
Independence, Ohio 44131
USA

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 Isolators Model # (s): XRB1, XRB2

Are in conformity with the following relevant EC legislation:

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

Based on the following harmonised standards:

EN60079-0:2012+A11:2013, EN60079-11:2012, EN 61000-6-4:2011, 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 TRaC Global Ltd.
Notified Body No. 0891
Role: Issue of ATEX EU Type Examination certificate
Certificate No. TRaC12ATEX0002X and TRaC12ATEX0003X

ATEX Coding:	Isolator XRB1:	Ex II (2)GD	[Ex ib] IIC [Ex ib] IIIC
	Isolator XRB2:	Ex II (1)GD	[Ex ia] IIC [Ex ia] IIC
	Encoders:	Ex II 3GD	Ex ic IIC T4 Gc Ex ic IIIC T200°C Dc
		Ex II 2GD	Ex ib IIC T4 Gb Ex ib IIIC T200°C Db
		Ex II 2GD	Ex ia IIC T4 Gb Ex ia IIIC T200°C Db

All encoders and isolators, except XR485N and XR685N models: Ta = -40°C to +80°C
Encoders XR485N or XR685N: Ta = -20°C to +80°C

Signature



Name Owen Patton
Function/Title ATEX Representative
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