

# CERTIFICATE OF COMPLIANCE

**Certificate Number** E364384  
**Report Reference** E364384-2014-04-30  
**Date** 2021-October-20

**Issued to:** Nidec Industrial Solutions  
243 Tuxedo Ave  
Brooklyn Heights OH, 44131 US

**This is to certify that  
representative samples of**

TELEMETERING EQUIPMENT FOR USE IN HAZARDOUS  
LOCATIONS

See Addendum Page for Product Designation(s).

Have been investigated by UL in accordance with the  
Standard(s) indicated on this Certificate.

**Standard(s) for Safety:**

UL 121201, Nonincendive Electrical Equipment for Use in  
Class I and II, Division 2 and Class III, Divisions 1 and 2  
Hazardous (Classified) Locations

CSA C22.2 No. 213-17, Nonincendive Electrical Equipment  
for Use in Class I and II, Division 2 and Class III, Divisions 1  
and 2 Hazardous (Classified) Locations,

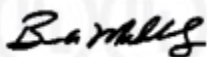
**Additional Information:**

See the UL Online Certifications Directory at  
<https://iq.ulprospector.com> for additional information

This Certificate of Compliance does not provide authorization to apply the UL Mark. Only the UL Follow-Up Services Procedure provides authorization to apply the UL Mark.

Only those products bearing the UL Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Certification Mark on the product.



Bruce Mahrenholz, Director North American Certification Program

UL LLC

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Incremental Encoders for use in Class I, Division 2, Groups A, B, C, and D Hazardous Locations.

“Thinline” Encoders Series - Model XR, followed by either 56A, 56S, 67A, 85A, or 115; followed by 1 or 2; followed by any three-digit combination of letters and numbers; followed by R; followed by any two-digit combination of letters and numbers; followed by either A, B, C, D, E, F, J, K, S, T, U or V; followed by any three-digit combination of letters or numbers.

“45” Encoder Series - Model XR, followed by 45 or 4F; followed by any five-digit combination of numbers and letters; followed by R; followed by either A, B, C, D, J, and K; followed by any five-digit combination of letters and numbers.

“Smartach” Sensor Series - Model XR, followed by either 5, 12, or 97; followed by R; followed by any single letter or number; followed by either A, B, E, F, J, K, S, T, U, V; followed by any three-digit combination of letters and numbers.

“Smartach Modular” Encoder Series - Model XR, followed by 850 or 125; followed by any three-digit combination of numbers and letters; followed by R or X; followed by any single letter or number; followed by R or X; followed by any single number or letter; followed by either A, B, E, F, H, J, S, T, U, V; followed by any three-digit combination of numbers and letters.

“Smartach Shafted” Encoder Series – Model XR, followed by 485 or 685; followed by C or N; followed by any two-digit combination of letters or numbers; followed by R or X; followed by any single letter or number; followed by R or X; followed by any single number or letter; followed by either A, B, E, F, H, J, S, T, U, V; followed by any three-digit combination of numbers and letters.



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