

# CERTIFICATE OF COMPLIANCE

**Certificate Number** E364384  
**Report Reference** E364384-2014-04-29  
**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:**

Standard No. ANSI/ISA 12.12.01, Nonincendive Electrical  
Equipment for Use in Class I and II, Division 2 and Class III,  
Divisions 1 and 2 Hazardous (Classified) Locations

Standard No. UL 508, Industrial Control Equipment

Standard No. CAN/CSA C22.2 No. 213-M1987, Non-  
incendive Electrical Equipment for Use in Class I, Division 2  
Hazardous Locations

Standard No. CSA C22.2 No. 14-13, Industrial Control  
Equipment

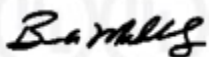
**Additional Information:**

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

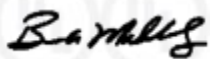
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This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements

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

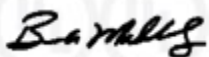
“Thinline” Encoders Series - Model XR, followed by either 56A, 56S, 67A, 85A, or 115; followed by 1 or 2; followed by any three-digit combination of letters and numbers; followed by G; followed by any two-digit combination of letters and numbers; followed by either H, M, N, or 8; followed by any three-digit 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 G; followed by either H, M, N, or 8; followed by any five-digit combination of letters and numbers.

“Smartach” Sensor Series - Model XR, followed by either 5, 12, or 97; followed by G; followed by any single letter or number; followed by either 4, 5, 6, 7, or 2; 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 G or X; followed by any single letter or number; followed by G or X; followed by any single number or letter; followed by either 4, 5, 6, 7, or 2; 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 G or X; followed by any single letter or number; followed by G or X; followed by any single number or letter; followed by either 4, 5, 6, 7, or 2; followed by any three-digit combination of numbers and letters.



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