

CERTIFICATE OF COMPLIANCE

Certificate Number E364384
Report Reference E364384-20140429
Issue Date 2020-MAY-15

Issued to: NIDEC INDUSTRIAL SOLUTIONS
243 TUXEDO AVE
BROOKLYN HEIGHTS, OH, 44131-5508 USA

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

TELEMETERING EQUIPMENT FOR USE IN HAZARDOUS
LOCATIONS

See Addendum Page

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


Standard(s) for Safety: See Addendum Page

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

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at <http://ul.com/about/locations/>



CERTIFICATE OF COMPLIANCE

Certificate Number E364384
Report Reference E364384-20140429
Issue Date 2020-MAY-15

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

USL, CNL 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.

Standards:

Standard No. ANSI/ISA 12.12.01, 2013, 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, 17th Ed., 2013-10-16, Industrial Control Equipment

Standard No. CAN/CSA C22.2 No. 213-M1987, 1st Ed. Non-incendive Electrical Equipment for Use in Class I, Division 2 Hazardous Locations

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



Bruce Mahrenholz, Director North American Certification Program

UL LLC

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>

