

# CERTIFICATE OF CONFORMITY



- HAZARDOUS (CLASSIFIED) LOCATION ELECTRICAL EQUIPMENT PER US REQUIREMENTS**
- Certificate No:** FM20US0073X
- Equipment:** Series ANX  
**(Type Reference and Name)** Valve Position Monitor
- Name of Listing Company:** Neles USA Inc. dba StoneL
- Address of Listing Company:** 26271 US Hwy 59  
Fergus Falls MN 56537  
United States
- The examination and test results are recorded in confidential report number:  
  
PR452900 dated 31<sup>st</sup> March 2021
- FM Approvals LLC, certifies that the equipment described has been found to comply with the following Approval standards and other documents:  
  
FM 3600:2018, FM 3611:2018, FM 3615:2018, FM 3616:2011, FM 3810:2005, ANSI/UL 508:2008, ANSI/UL 50:2020, ANSI/UL 50E:2020, ANSI/IEC 60529:2004, ANSI/UL 60079-0:2020, and ANSI/UL 60079-1:2015
- If the sign 'X' is placed after the certificate number, it indicates that the equipment is subject to specific conditions of use specified in the schedule to this certificate.
- This certificate relates to the design, examination and testing of the products specified herein. The FM Approvals surveillance audit program has further determined that the manufacturing processes and quality control procedures in place are satisfactory to manufacture the product as examined, tested and Approved.

**Certificate issued by:**

  
\_\_\_\_\_  
J.E. Marquedant  
VP, Manager, Electrical Systems

31 March 2021  
\_\_\_\_\_  
Date

To verify the availability of the Approved product, please refer to [www.approvalguide.com](http://www.approvalguide.com)

**THIS CERTIFICATE MAY ONLY BE REPRODUCED IN ITS ENTIRETY AND WITHOUT CHANGE**

FM Approvals LLC. 1151 Boston-Providence Turnpike, Norwood, MA 02062 USA  
T: +1 (1) 781 762 4300 F: +1 (1) 781 762 9375 E-mail: [information@fmapprovals.com](mailto:information@fmapprovals.com) [www.fmapprovals.com](http://www.fmapprovals.com)

# SCHEDULE



US Certificate Of Conformity No: FM20US0073X

10. Equipment Ratings:

Class I, Division 1, Groups BCD T5  
Class II/III, Division 1, Groups EFG T5  
Class I / II/ III, Division 2, Groups ABCDFG T5  
Class I, Zone 1, AEx db IIC T5 Gb  
Class I, Zone 2, IIC T5  
Ta = -40°C to +80°C  
Type 4, 4X, IP66

11. The marking of the equipment shall include:

FM20US0073X  
XP/DIP: CL I, II, III, DIV 1, GP B,C,D,E,F,G T5;  
NI: CL I, II, III, DIV 2, GP A,B,C,D,F,G T5;  
US - CL I / Zone 1 / AEx db IIC T5 Gb;  
US - CL I / Zone 2 / IIC / T5;  
Temp: Ta = -40°C to +80°C  
Enclosure Type: 4, 4X, IP66

12. **Description of Equipment:**

The Series ANX Limit Switch is a valve communication and control device for quarter-turn pneumatic valves. Internally mounted pilot valves control a main flow spool valve to operate the pneumatic valve to which this product is intended to be attached. The control modules and up to two pilot valves are housed inside a single flameproof compartment. All pneumatic lines are provided with flame arrestors and the enclosure is vented through additional flame arrestors.

***ANXabcAefg-h. Valve Position Monitor***

a = Function 35S, 35W, 45S, 92S, 92W, 96S, 97S, or 97W.  
b - Solenoid 1, 2, or 9.  
c = Override X, N, M, L, E, Y, or G.  
e = Conduit entries 02, 05, 08, or 09.  
f = Visual indication X, G, R, 1, or 2.  
g = Branding A or M  
h = special option digits (do not affect explosion safety)

13. **Specific Conditions of Use:**

1. *To minimize the risk of electrostatic sparking, the equipment shall be cleaned only with a damp cloth.*
2. *Consult the manufacturer if dimensional information on the flameproof joints is necessary.*
3. *Applications in atmospheres containing Carbon Disulphide (CS<sub>2</sub>) is not permitted.*

14. **Test and Assessment Procedure and Conditions:**

This Certificate has been issued in accordance with FM Approvals US Certification Requirements.

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15. **Schedule Drawings**

A copy of the technical documentation has been kept by FM Approvals.

16. **Certificate History**

Details of the supplements to this certificate are described below:

Date	Description
31 <sup>st</sup> March 2021	Original Issue.

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