

CERTIFICATE OF CONFORMITY



1. **HAZARDOUS (CLASSIFIED) LOCATION ELECTRICAL EQUIPMENT PER US REQUIREMENTS**

2. **Certificate No:** FM19US0192
3. **Equipment:** Model D230, D231, D240, D241, D250, and D251
(Type Reference and Name) Valve Monitor

4. **Name of Listing Company:** Westlock Controls Corp

5. **Address of Listing Company:** 280 N Midland Ave, Ste 258
Saddle Brook, NJ 07663
United States

6. The examination and test results are recorded in confidential report number:

3008802 dated 14th August 2000
RR220160 dated 17th October 2019

7. FM Approvals LLC, certifies that the equipment described has been found to comply with the following Approval standards and other documents:

FM Class 3600:2011, FM Class 3611:2010, FM Class 3611:2004

8. 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.

9. 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.

10. **Equipment Ratings:**

Intrinsically safe (entity) for Class I, II, and III, Division 1, Groups C, D, E, F, and G hazardous indoor/outdoor (Type 4X) locations in accordance with Document No. MS-10312, WD-12154, and WD-12410; as suitable for locating in Class I, Division 2, Groups A, B, C, and D; suitable for Class II and III, Division 2, Groups F and G hazardous indoor or outdoor (Type 4X) locations with an ambient temperature rating of -25°C to +40°C.

Certificate issued by:



J.E. Marquedant
VP, Manager - Electrical Systems

14 July 2022

Date

To verify the availability of the Approved product, please refer to 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
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SCHEDULE



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11. The marking of the equipment shall include:

IS Class I, II, III, Division 1, Groups A, B, C, D, E, F, G, Class III; T6; Type 4X
Nonincendive Class I, Division 2, Groups A, B, C, D; T6; Type 4X

12. **Description of Equipment:**

General - The Models D230, D231, D240, D241, D250, and D251 are used use in valve positioning applications.

Construction - The valve monitor's enclosure is available by option selection as a polymeric, stainless steel or aluminum enclosure. The enclosure has the ability for conduit connections or a cable gland entry. There is an optional valve body attached to the side of the enclosure made of hardened anodized aluminum, Brass, or 316 stainless steel. Configuration adjustments can be made with optional internal switches that are available as hermetically sealed, proximity or mechanical.

Ratings - The D230, D231, D240, D241, D250, and D251 Valve Monitors are rated for use in an ambient temperature range of -25°C to +40°C.

Model a-b c d e f g h. Valve Monitor

- a = Base Model: D230(resin), D240(alum), D250(316 ss)
 - b = Shaft: NP , NT , SP, ST
 - c = Feed Back Switch: 2M02, 2M06, 2M08, 2M09, 2M12, 4M02
 - d = Beacon: aa (any) or FC (flt cvr).
 - e = Coil: I 24vdc or P 24vdc (dual option)
 - f = Transmitter: 00 or DS
 - g = Valve Body: bbb (Any)
 - h = Valve option: c (Any)
- * two conduit 12pt terminal block

Model a-b c d e. Valve Monitor

- a = Base Model: D231(resin), D241(alum), D251(316 ss)
 - b = Shaft: NP , NT , SP, ST
 - c = Feed Back Switch: 0000 (none) 2M02, 2M06, 2M08, 2M09, 2M12, 4M02
 - d = Beacon - aa (any) or FC (flt cvr).
 - e = Approval: NS
- * two conduit 12pt terminal block

13. **Specific Conditions of Use:**

None

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
17 th October 2019	Original Issue.
14 th July 2022	<u>Supplement 1:</u> Report Reference: – RR232896 dated 14 th July 2022. Description of the Change: Adding options 2M02 and 4M02.

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