CERTIFICATE OF CONFORMITY

FM Approvals

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

2. **Certificate No:** **FM18US0286X**

3. **Equipment:**
   (Type Reference and Name) **Model 811, 711, 722, 860, 765, 789, 865, 5044, 5004 and 5060 Valve Monitor**

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

5. **Address of Listing Company:** **280 Midland Ave, Saddle Brook, New Jersey 07663, United States of America**

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

   3008802 dated 14th August 2000

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

   FM 3600:2022, FM 3610:2010, FM 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:

    Models 811, 711, 722, as intrinsically safe (entity) for Class I, II, and III, Division 1, Groups A, B, C, D, E, F, and G hazardous indoor/outdoor (Type 4X) locations in accordance with Document No. MS-10312, WD-12154, and WD-12410; Valve Monitor, Models 5044 and 5004, as intrinsically safe (entity) for Class I, II, and III, Division 1, Groups A, B, C, D, E, F, and G hazardous indoor/outdoor (Type 4X) locations in accordance with Document No. WD-11880, and WD-12410; and Valve Monitors Models 860, 765, 789, 865, 5044, 5004 and 5060 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.

Certificate issued by:

J.E. Marquedant

09/15/2026

J.E. Marquedant
VP, Manager - Electrical Systems

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. 1165 Boston-Providence Turnpike, Norwood, MA 02062 USA
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SCC Accredited CB-P/S OCPS Accredite CCN

11. The marking of the equipment shall include:

Models 5004, 5044, 811, 711 or 722

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

Models 5060, 860, 765, 789 or 865

Nonincendive Class I, Division 2, Groups A, B, C, D; T6; Type 4X

12. **Description of Equipment:**

General - The Model 811, 711, 722, 860, 765, 789, 865, 5044, 5004 and 5060 for 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 Model 811, 711, 722, 860, 765, 789, 865, 5044, and 5060 Valve Monitors are rated for use in an ambient temperature range of -25°C to +40°C. The Model 5004 Valve Monitor is rated for use in an ambient temperature range of -25°C to +60°C.
Model a-b c d e 00f g h i. Valve Monitor
a = Base Model: 811, 711 or 722
b = Shaft Output: S or N
c = Beacon: Any or FC
d = Conduit 1A=one ½ npt, 1B= one ¾ npt, 2A=two ½ npt, 2B=two ¾ npt 1M=1/2 npt fitted with mini pin connector.
e = Position Switches: 2M02, 2M16, 2M08, 2M09, 2M10, 2M12, 4M02, 4M08, 4M09, 4M10 or 4M12
f = Coil: I (24 VDC 1.5W Reference MS-10312 for Entity Parameters); P (24VDC 1.6W (Standard) Reference WD-12031 for Entity Parameters)
g = Valve Body: any, 2V3001495 or 2VY001496
h = Valve Options: Any
i = SST Enclosure Option: none or 00124.
Model a-b c d e 00 f g h. Valve Monitor
a = Base Model: 765, 789 or 865
b = Shaft Output: S or N
c = Beacon: Any or FC
d = Conduit: 1A=one ½ npt, 1B= one ¾ npt, 2A= two ½ npt, 2B= two ¾ npt or 1M=one ½ npt fitted with mini pin connector.
e = Position Switches: 2M06, 2M12, 2M13, 4M06, 4M12 or 2M15
f = Solenoid Coil: A C, D, H, V or NONE
g = Valve Body: any
h = SST Enclosure Option: none or 00124.
Model 860-a-bc-de. Valve Monitor

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a = Beacon: BY, AY, AG, AB, AR, B1, B3, B5, B7, B9
b = 1A=one ½ npt, 1B= one ¾ npt, 2A= two ½ npt, 2B= two ¾ npt
c = Feedback: 6, 7
d = Solenoid: D, A, V or NONE
e = Valve body: any
Model 5060-a-M8. Valve Monitor:
a = Beacon: BY, AY, AG, AB, AR, B1, B3, B5, B7, B9
Model 50a4 bcdef. Valve Monitor
a = Base Model: 0 – aluminum, 4 – resin
b = Shaft Output: S or N
c = Beacon: Any or FC
d = Conduit Entry: 2A, 2B, 3A or 3B
e = Position Switch: 2M16, 2M08, 2M09, 2M12, 3M08, 4M08, 4M09 or 4M12
f = Transmitter: 00
Add 00124 for 316 SST model 5044 only

13. **Specific Conditions of Use:**

    1. Refer to the manufacturer's instructions/control drawing for installation in a hazardous area.
    2. Potential Electrostatic Charging Hazard – To prevent the risk of electrostatic sparking the non-metallic surfaces should only be cleaned with a damp cloth

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

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

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
11 January 2019	Supplement 15: Report Reference: – RR215712 dated 11th January 2019. Description of the Change: Order Guide option number 2M16 to MAGPAC EL-40230 and EL40249 for models 711, 811, 722 and 5004 and 5044.
4 September 2019	Supplement 16: Report Reference: – RR219571 dated 4th September 2019. Description of the Change: Order Guide option number DS Added

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SCHEDULE

US Certificate of Conformity No: FM18US0286X

Date	Description
14 July 2022	Supplement 17: Report Reference: – RR232896 dated 14th July 2022. Description of the Change: Adding options 2M02 and 4M02.
15 September 2026	Supplement 18: Report Reference: RR252751 dated 15 September 2026. Description of the Change(s): Corrected typographical errors in ambient temperature ratings, minor changes to model code structure

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ANNEX

Model 50a4

Description of Equipment:

Model 50a4 bcdef. Valve Monitor
a = Base Model: 0 – aluminum, 4 – resin
b = Shaft Output: S or N
c = Beacon: Any or FC
d = Conduit Entry: 2A, 2B, 3A or 3B
e = Position Switch: 2M16, 2M08, 2M09, 2M12, 3M08, 4M08, 4M09 or 4M12
f = Transmitter: 00 – DS
Add 00124 for 316 SST model 5044 only

Specific Conditions of Use:

1. Potential Electrostatic Charging Hazard – To prevent the risk of electrostatic sparking the non-metallic surfaces should only be cleaned with a damp cloth.

Model a-b c d e 00l f g h

Description of Equipment:

Model a-b c d e 00 f g h i. Valve Monitor
a = Base Model: 811, 711 or 722
b = Shaft Output: S or N
c = Beacon: Any or FC
d = Conduit 1A=one ½ npt, 1B= one ¾ npt , 2A=two ½ npt, 2B=two ¾ npt 1M=1/2 npt fitted with mini pin connector.
e = Position Switches: 2M02, 2M16, 2M08, 2M09, 2M10, 2M12, 4M02, 4M08, 4M09, 4M10 or 4M12
f = Coil: I (24 VDC 1.5W Reference MS-10312 for Entity Parameters); P (24VDC 1.6W (Standard) Reference WD-12031 for Entity Parameters)
g = Valve Body: any, 2V3001495 or 2VY001496
h = Valve Options: Any
i = SST Enclosure Option: none or 00124.

Specific Conditions of Use:

1. Refer to the manufacturer's instructions/control drawing for installation in a hazardous area.
2. Potential Electrostatic Charging Hazard – To prevent the risk of electrostatic sparking the non-metallic surfaces should only be cleaned with a damp cloth.