

CERTIFICATE OF CONFORMITY

1. FIRE PROTECTION EQUIPMENT

2. Certificate No: **FM23FPUS0056**
3. Equipment:
(Type Reference and Name) **Sprinkler Valve Supervisory Switch**
4. Name of Listing Company: **Mecon GmbH**
5. Address of Listing Company: **Roentgenstrasse 105, 50169 Kerpen, Germany**
6. The examination and test results are recorded in confidential report number:

PR461926 dated 4 June 2023

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

FM 3135:2021

8. 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.

9. Approval Guide Listing Category:

Sprinkler System Supervision, Enhanced Security

Certificate issued by:



4 June 2023

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, 1151 Boston-Providence Turnpike, Norwood, MA 02062 USA
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F 320 (Jan 23)



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US Certificate of Conformity No: FM23FPUS0056



Member of the FM Global Group

10. Description of Equipment:

UW3 A/C E5 Series Sprinkler Supervisory Devices

Valve monitor models UW3 C E5, UW3 A E5 A, UW3 A E5 H and UW3 A E5 P supervise the open position of OS&Y gate valves, indicating butterfly valves and the open and closed position of NRS gate valves. All models are enhanced security.

The Model UW3 C E5 provide Normally Open (NO), Normally Closed (NC), GND (-) and VCC (+) contacts as well as terminal for the end of line resistor.

Model UW3 A E5 A integrates a FM approved addressable Apollo "Mini Switch Monitor Module". The Model UW3 A E5 H enables the use of a Honeywell loop module (for detail list check the manual). The Model UW3 A E5 P enables the integration of the Potter "PAD100-MIM Micro Input Module".

UW3 C E5, UW3 A E5 A, UW3 A E5 and UW3 A E5 P
UW3 C E5 Working voltage range: 18 ... 30 V DC (Typically 24 V DC)
UW3 C E5 Alarm current: 30 mA @ 24 V DC
UW3 C E5 Switching voltage max.: 30 V DC
UW3 C E5 Switching current max.: 200 mA

11. Test and Assessment Procedure and Conditions:

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

12. Schedule Drawings

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

13. Certificate History

Details of the supplements to this certificate are described below:

Date	Description
4 June 2023	Original Issue.

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