

CERTIFICATE OF CONFORMITY



1. FIRE PROTECTION EQUIPMENT

2. Certificate No: FM25US0163
3. Equipment:
(Type Reference and Name) Model AD Diesel Engine Fire Pump Controller
4. Name of Listing Company: Arvo Controls, Sociedad Limitada
5. Address of Listing Company: Calle Cami De L'Alquerieta, Parcela R-114a, Massanassa, Valencia, 46470, Spain

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

PR473194 dated 2 June 2025

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

FM 1321, 1323: 2024

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:

Fire Pump Controllers, Diesel Engines

Certificate issued by:

J.E. Marquedant
VP, Manager - Electrical Systems

2 June 2025

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. One Technology Way, Norwood, MA 02062 USA

T: +1 (1) 781 762 4300 F: +1 (1) 781 762 9375 E-mail: information@fmapprovals.com www.fmapprovals.com

F 320 (Jul 24)



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10. Description of Equipment:

The diesel engine fire pump controller provides automatic starting and controlling of Engine-driven fire pump(s). These controllers features an advanced 7" color touchscreen, easily accessible from the outside of the door. The front panel provides a user-friendly interface, allowing the operator to easily navigate through various settings and options.

Additionally, it offers real-time monitoring of important data and alerts, ensuring efficient control of the system. These controllers are designed for dual battery (dual crank) operation.

Model Code:

Model AD-a-b-c Diesel Engine Fire Pump Controller

Enclosure: NEMA/UL Type 2.

Ambient Temperature Operating Range: 39°F (4°C) to 104°F (40°C)

<i>a = Battery Voltage, Vdc</i>	<i>b = Input Voltage, Vac</i>	<i>c = Frequency</i>
12 (12 Vdc) 24 (24 Vdc)	120 (110~120 Vac) 230 (220~240 Vac)	50 (50 Hz) 60 (60 Hz)

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
2 June 2025	Original Issue.

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