



# IECEX Certificate of Conformity

## INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification System for Explosive Atmospheres

for rules and details of the IECEx Scheme visit [www.iecex.com](http://www.iecex.com)

Certificate No.:	<b>IECEX FMG 13.0042X</b>	Page 1 of 4	<u>Certificate history:</u>
Status:	<b>Current</b>	Issue No: 3	<a href="#">Issue 2 (2018-10-23)</a>
Date of Issue:	2022-11-14		<a href="#">Issue 1 (2017-01-15)</a>
Applicant:	<b>Autronica Fire and Security AS</b> Bromstadveien 59 7483 Trondheim Norway		<a href="#">Issue 0 (2014-01-27)</a>
Equipment:	<b>AutroVu AV20</b>		
Optional accessory:			
Type of Protection:	<b>Flameproof</b>		
Marking:	AV20 T6 Ta = -20°C to +70°C, IP66		

Approved for issue on behalf of the IECEx  
Certification Body:

**J. E. Marquedant**

Position:

**VP, Manager - Electrical Systems**

Signature:  
(for printed version)

Date:  
(for printed version)

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting [www.iecex.com](http://www.iecex.com) or use of this QR Code.



Certificate issued by:

**FM Approvals LLC**  
1151 Boston-Providence Turnpike  
Norwood, MA 02062  
United States of America





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Manufacturer: **Autronica Fire and Security AS**  
Haakon VII gt. 4  
7483 Trondheim  
**Norway**

Manufacturing locations: **Autronica Fire and Security AS**  
Haakon VII gt. 4  
7483 Trondheim  
**Norway**

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEX Quality system requirements. This certificate is granted subject to the conditions as set out in IECEX Scheme Rules, IECEX 02 and Operational Documents as amended

#### STANDARDS :

The equipment and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards

[IEC 60079-0:2017](#) Explosive atmospheres - Part 0: Equipment - General requirements  
Edition:7.0

[IEC 60079-1:2014-06](#) Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"  
Edition:7.0

[IEC 60079-29-1:2016-07](#) Explosive atmospheres – Part 29-1: Gas detectors – Performance requirements of detectors for flammable gases  
Edition:2.0

[IEC 60079-29-4:2009](#) Explosive atmospheres - Part 29-4: Gas detectors - Performance requirements of open path detectors for flammable gases  
Edition:1.0

This Certificate **does not** indicate compliance with safety and performance requirements other than those expressly included in the Standards listed above.

#### TEST & ASSESSMENT REPORTS:

A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in:

Test Reports:

[US/FMG/ExTR13.0045/00](#)  
[US/FMG/ExTR13.0045/03](#)

[US/FMG/ExTR13.0045/01](#)

[US/FMG/ExTR13.0045/02](#)

Quality Assessment Report:

[NO/NEM/QAR10.0005/09](#)



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## **EQUIPMENT:**

Equipment and systems covered by this Certificate are as follows:

### ***AutroVu® AV20abc26e2. Universal Display Unit.***

a = Enclosure Type: A or S

b = Number of Ports: 2, 3, 4, or 5

c = Thread Type: E, F, N or M

e = Approval: E, T or W

## **SPECIFIC CONDITIONS OF USE: YES as shown below:**

1. The AV20 display units comply with IEC 60079-29-1.
2. The AV20 display units comply with IEC 60079-29-1 when connected to a detector head with an IEC certificate of conformity to IEC 60079-29-1.
3. The actual enclosure must provide a maximum measured reference pressure of 15 bar measured according to IEC 60079-1:2007, §16.
4. Flameproof joints are not user serviceable; contact Autronica Service.



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**DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)**

removal of AV10 and update of performance standard which was updated in a previous project but not on coc