



Certificate of Compliance

Certificate: 2162793 (LR52532)

Master Contract: 150863

Project: 2713035

Date Issued: March 26, 2014

Issued to: **Detector Electronics Corporation**

**6901 W 110th St
Minneapolis, MN 55438-2392
USA
Attention: Will Hosie**

The products listed below are eligible to bear the CSA Mark shown



Glenn Black

Issued by: Glenn Black

PRODUCTS

CLASS 4828 01 - SIGNAL APPLIANCES - - Combustible Gas Detection Instruments-For Hazardous Locations

CLASS 4828 02 - SIGNAL APPLIANCES - Toxic Gas Detection Instruments - For Hazardous Locations

Class I, Div. 1, Groups A, B, C & D; T6

Class I, Div. 2, Groups A, B, C & D; T6

Class II/III Div. 1&2, Groups E, F & G; T6

Type 4X & IP66

FlexVu (or AutoVu) Explosion-Proof Universal Display Unit Model UD20 (or AV20) *ab26c2* for use with the Model GT3000 Detector. Input voltage 19 – 30 Vdc, 24 nominal, 0.8 watts maximum; output 4-20mA. Operating temperature -20°C to +70°C.

Model Code:

UD20(or AV20)*ab26c2*

a = Enclosure type: Aluminum or Stainless Steel

b = thread and port type: 5M, 5N, 4M, 4N, 3M, 3N, 2M or 2N



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c = Approval: A, C, T or W

Class I, Div. 1, Groups A, B, C & D; T6

Type 4X & IP66

FlexVu Intrinsically Safe Universal Display Unit Model UD20*ab26c4* for use with the Model GT3000 Detector. Input voltage 19 – 30 Vdc, 24 nominal, 0.8 watts maximum; output 4-20mA. Operating temperature -20°C to +70°C, Temperature Code T6. The Display is Intrinsically Safe when connected per Control Drawing 009803-002.

Model Code:

UD20*ab26c4*

a = Enclosure type: Aluminum or Stainless Steel

b = thread and port type: 5M, 5N, 4M, 4N, 3M, 3N, 2M or 2N

c = Approval: A, C, T or W

APPLICABLE REQUIREMENTS

CAN/CSA-C22.2 No. 0-M91 - General Requirements – Canadian Electrical Code, Part II

C22.2 No. 30-M1986 - Explosion-Proof Enclosures for Use in Class I Hazardous Locations

CAN/CSA-C22.2 No. 94-M91 - Special Purpose Enclosures

C22.2 No. 142-M1987 - Process Control Equipment

C22.2 No. 213-M1987 - Non-Incendive Electrical Equipment for Use in Class I, Division 2 Hazardous Locations

CAN/CSA-C22.2 No. 60529:05 - Degrees of protection provided by enclosures (IP Code)

C22.2 No. 157-92 - Intrinsically Safe and Non-incendive Equip. for use in Hazardous Locations



Supplement to Certificate of Compliance

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Master Contract: 150863

The products listed, including the latest revision described below, are eligible to be marked in accordance with the referenced Certificate.

Product Certification History

Project	Date	Description
2713035	Mar 26, 2014	Update to report 2162793 to add Autronica AutoVu Model AV20 as a Private Label to the Det-Tronics FlexVu Model UD20.
2310443	Jan 19, 2011	Update to report 2162793 to add FlexVu Intrinsically Safe Universal Display Unit Model UD20.
2162793	May 4, 2009	Original Certification