



No.235DOC-0020

Doc No.	D1B145
	D4B008
	D5B021

EU Declaration of Conformity

Identification of the Product : Flameproof LED Illumination Units

Name and address of Manufacturer
IDEC CORPORATION
2-6-64 Nishimiyahara, Yodogawa-Ku,
Osaka 532-0004 Japan

Name and address of the authorized representative :
APEM GmbH
Heseltuecken 8, 22453 Hamburg, Germany

This declaration of conformity is issued under the sole responsibility of the manufacturer.

Object of the declaration : Series Name: EF1A Series

Model No.: Details are as per attached sheet

The object of the declaration described above is in conformity with the relevant EU harmonization legislation :

2014/34/EU

Equipment for explosive atmospheres (ATEX) Directive

2014/30/EU

Electromagnetic Compatibility Directive

2011/65/EU

Restriction of the use of certain hazardous substances
(RoHS) Directive

Applied Union harmonized legislation and references to the relevant harmonization standards used or references the other technical specifications in relation to which conformity is declared.

(ATEX)

EN 60079-0:2012+A11:2013

EN 60079-1: 2007

EN 60079-31: 2009

(EMC)

EN 55015:2006+A1:2007+A2:2009

EN 61547:2009

(RoHS)

EN 50581: 2012

Where applicable, the notified body

UL International Demko A/S (NB No. 0539), Borupvang 5A, 2750 Ballerup Denmark

Additional Information :

EC-Type Examination Certificate Number: DEMKO 14 ATEX 1208667X

Explosion Protection:  II 2 G Ex d IIB T4 Gb

 II 2 D Ex tb IIIC T130°C Db

Signed for and on behalf of the above named manufacturer :

Place and date of issue :

Japan, 20 April, 2016

Japan, 1 April, 2018 (Revised)

Name, function :

Atsushi Matsumoto, Executive Officer,

Quality Assurance Center

Signature :

Atsushi Matsumoto



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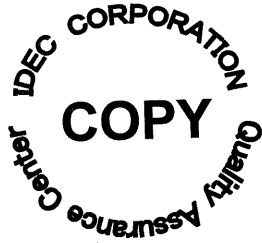
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Nomenclature

<u>EF1A-1</u>	<u>2</u>	<u>1</u>	<u>W</u>	<u>1</u>	<u>P</u>	<u>S</u>	<u>A</u>	<u>N2</u>	<u>A2</u>	<u>*****</u>
1	2	3	4	5	6	7	8	9	10	11

1. Basic Model Designation
EF1A-1
2. Rated Voltage
1 – DC 24V
2 – 100 to 240VAC
3. Glass Optical Specifications
Blank – Tempered Glass
1 – Translucent Reinforced Glass
4. Illumination Color
W - White
5. Light Distribution Characteristics
Blank – Standard
1 – Without Lens
6. Lead-in fittings
Blank – Cable gland on one end / without operate switch
T – Cable glands on both ends / without operate switch
P – Cable glands on both ends / with operate switch
7. Terminal
Blank – Spring-clamp terminal block
S – Screw Terminal Block
C – Lead Wire



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8. Mounting Bracket
Blank – None
A – Fixed
B – Angle adjustable
9. Conduit
N1 – NPT1/2
N2 – NPT 3/4
M25 – M25
M32 – M32
10. Operate Switch
Blank – None
A1 – Flush Pushbutton (alternate)
A2 – Extended Pushbutton (alternate)
11. Manufacturer Control number
***** - Additional Letters and/or numbers