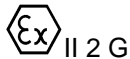




## EU Type Examination Certificate CML 21ATEX31294U Issue 1

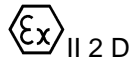
- 1 Components intended for use in Potentially Explosive Atmospheres Directive 2014/34/EU
- 2 Component **Lens units Type EU2B-U\*\*\***
- 3 Manufacturer **IDEC Corporation** **IDEC Corporation, Amagasaki Plant**
- 4 Address **2-6-64 Nishimiyahara 2-chome, Yodogawa-ku, Osaka, 532-0004, Japan** **5-8-10 Shioe, Amagasaki-shi, Hyogo, JP-661-0976, Japan**
- 5 The component is specified in the description of this certificate and the documents to which it refers.
- 6 CML B.V., Chamber of Commerce No 67386717, Koopvaardijweg 32, 4906CV Oosterhout, The Netherlands, Notified Body Number 2776, in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that this component has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment intended for use in potentially explosive atmospheres given in Annex II to the Directive.  
The examination and test results are recorded in the confidential reports listed in Section 12.
- 7 The 'U' suffix after the certificate number indicates that the component is subject to conditions of safe use (affecting correct installation or safe use). These are specified in Section 14.
- 8 This EU Type Examination certificate relates only to the design and construction of the specified equipment or component. Further requirements of Directive 2014/34/EU Article 13 apply to the manufacture of the equipment or component and are separately certified.
- 9 Compliance with the Essential Health and Safety Requirements, with the exception of those listed in the confidential report, has been demonstrated through compliance with the following documents:  
EN IEC 60079-0:2018      EN IEC 60079-7:2015+A1:2018      EN 60079-31:2014

- 10 The equipment shall be marked with the following:



Ex eb IIC Gb

Ts = -20°C to +80°C



Ex tb IIIC Db

Ts = -20°C to +80°C





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## 11 Description

The lens units type EU2B-U\*\*\* is predominantly made of polyamide are intended for installation in lids of enclosures of electrical apparatus in the type of protection Increased Safety "eb" and Protection by Enclosure "tb". Accessory is a lock nut out of POM or Aluminium.

### Technical Data

Approved Types	
Lens Unit	Type EU2B-U L10 *
Ambient temperature	-20°C to +50°C
Service temperature range	-20°C to +80°C
Ingress protection	IP65 according to EN 60529
Suitable for equipment of group II with a degree of mechanical hazard	high

### Nomenclature:

Lens unit for pilot light

EU2B-U	L1 0	**
1	2	3

- 1: Type
- 2: Type
- 3: Lens colour

### Variation 1

This variation introduces the following modifications:

- i. To recognise the addition of another manufacturing location.
- ii. To recognize and correct a type error in drawing A39878.

## 12 Certificate history and evaluation reports

Issue	Date	Associated report	Notes
0	26 May 2022	R14648B/00	Issue of Prime Certification
1	28 Jul 2023	R16470B/00	Introduction of Variation 1

Note: Drawings that describe the equipment or component are listed in the Annex.

## 13 Conditions of Manufacture

None.



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#### **14 Schedule of Limitations**

The following conditions relate to safe installation and/or use of the component.

- i. The type of protection IP65 is guaranteed only by compliance with the manufacturer's instructions and proper installation in the enclosure.
- ii. In order to avoid electrostatic charges the operators and lens units have to be mounted on a metallic enclosure or conductive earthed frames.
- iii. Installation of electrical components requires a further assessment by an ExCB.

## Certificate Annex

Certificate Number CML 21ATEX31294U

Equipment Lens units Type EU2B-U\*\*\*

Manufacturer IDEC Corporation IDEC Corporation, Amagasaki Plant



The following documents describe the equipment or component defined in this certificate:

### Issue 0

Drawing No	Sheets	Rev	Approved date	Title
A39878	1 of 1	C	26 May 2022	Drawing, PILOT LIGHT LENS UNIT Construction
A49280	1 of 1	C	26 May 2022	Drawing, PILOT LIGHT LENS UNIT Marking

### Issue 1

Drawing No	Sheets	Rev	Approved date	Title
A39878	1 of 1	D	28 Jul 2023	Drawing, PILOT LIGHT LENS UNIT Construction