

UK Type Examination Certificate CML 21UKEX3514X Issue 0**United Kingdom Conformity Assessment**


- 1 Product or Protective System Intended for use in Potentially Explosive Atmospheres UKSI 2016:1107 (as amended) – Schedule 3A, Part 1
- 2 Equipment **Power Supply Unit Type PSU1100-J1-**-* for the system VisuNet CXP**
- 3 Manufacturer **Pepperl+Fuchs SE**
- 4 Address **Lilienthalstrasse 200,
68307 Mannheim,
Germany**

- 5 The equipment is specified in the description of this certificate and the documents to which it refers.
- 6 Eurofins E&E CML Limited, Newport Business Park, New Port Road, Ellesmere Port, CH65 4LZ, United Kingdom, Approved Body Number 2503, in accordance with Regulation 43 of the Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres Regulations 2016, UKSI 2016:1107 (as amended), certifies that this equipment 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 Schedule 1 of the Regulations.

The examination and test results are recorded in the confidential reports listed in Section 12.

- 7 If an 'X' suffix appears after the certificate number, it indicates that the equipment is subject to specific conditions of use (affecting correct installation or safe use). These are specified in Section 14.
- 8 This UK Type Examination certificate relates only to the design and construction of the specified equipment. Further requirements of the Regulations apply to the manufacturing process and supply of the product. These are not covered by this certificate.
- 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 60079-5:2015 EN IEC 60079-7:2015+A1:2018
EN 60079-31:2014

- 10 The equipment shall be marked with the following:

 II 2 G D

Ex eb q IIC T4 Gb
Ex tb IIIC T85°C Db



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11 Description

Type PSU1100-J1-"u":

The Power Supply Unit Type PSU1100-J1-**-* has a metallic enclosure in type of protection Powder filling "q" resp. Protection by enclosure „tb" with connection departments in type of protection Increased safety "eb" resp. Protection by enclosure "tb".

12 Certificate history and evaluation reports

| Issue | Date | Associated report | Notes |
|-------|--------------|-------------------|----------------------------|
| 0 | 06 July 2021 | R14112P/00 | Issue of Prime Certificate |

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

13 Conditions of Manufacture

None

14 Specific Conditions of Use

The following relate to the installation and/or safe use of the equipment:

- i. The danger of ignition due to propagating brush discharges must be avoided by mounting the apparatus in areas without intensive electrostatical charging mechanism.

Certificate Annex

Certificate Number CML 21UKEX3514X
Equipment Power Supply Unit Type PSU1100-J1
Manufacturer Pepperl+Fuchs SE



The following documents describe the equipment defined in this certificate:

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For drawings describing the equipment, refer to attached certificate BVS 16ATEXE098X. In addition to the drawings listed on BVS 16ATEXE098X. The following drawings include the additional marking required for this UK Type Examination certification:

| Drawing No | Sheets | Rev | Approved date | Title |
|-------------------|---------------|------------|----------------------|--|
| 16-1555CM-10 | 1 of 2 | 0 | 06 July 2021 | Additional Marking Requirements for UKCA |