

UK Type Examination Certificate CML 21UKEX3470X 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 **Display Unit for VisuNet GXP type DPU1100-J1**
- 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 60079-11:2012

EN 60079-31:2014

- 10 The equipment shall be marked with the following:

 II 2 G D

Ex eb q ib IIC T4 Gb

Ex tb IIIC T80°C Db

IP66



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11 Description

The Display Unit type DPU1100-J1-* has a metallic enclosure with front glass in type of protection Powder Filling "q" resp. Protection by enclosure "tb".

The 5 capacitive front keys are protected by Intrinsic safety "ib" resp. Protection by enclosure "tb".

The Display Unit is supplied from the Thin Client Unit / Personal Computer Unit type *CU1100-J1-" of company Pepperl+Fuchs according to EU-Type Examination certificate.

BVS I6 ATEX E 083X via a plug and socket construction fulfilling the requirements of type of protection Increased Safety "eb" and Intrinsic Safety "ib" resp. Protection by enclosure "tb".

12 Certificate history and evaluation reports

Issue	Date	Associated report	Notes
0	10 June 2021	R14112K/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 conditions relate to the installation and/or safe use of the equipment:

- i. The Display Unit Type DPU1100-J1-" may only be used in connection with the Thin Client Unit / Personal Computer Unit type .CU1100-J1 of company Pepperl+Fuchs according to UK-Type Examination Certificate CML 21UKEX3469X.
- ii. The danger of ignition due to propagating brush discharges must be avoided by mounting the apparatus in areas without intensive electro statical charging mechanism.

Certificate Annex

Certificate Number CML 21UKEX3470X
Equipment Display Unit for VisuNet GXP type DPU1100-J1
Manufacturer Pepperl+Fuchs SE



The following documents describe the equipment defined in this certificate:

Issue 0

For drawings describing the equipment, refer to attached certificate BVS 16 ATEX E 084X Issue 2. In addition to the drawings listed on BVS 16 ATEX E 084X Issue 2, 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	10 June 2021	Additional Marking Requirements for UKCA