DISIBEINT
ELECTRONIC SL

ÉQUIVALENTE DE RÉFÉRENCE

IPDS

L'unité d'affichage numérique pour les installations ATEX commercialisé par DISIBEINT ELECTRONIC SL avec la référence

IPDS

a été dénommé

5531-B

d'obtenir les certifications correspondantes.

C'est comme trouver de la véracité des certificats qui accompagnent ce document.

[1] # EC-TYPE EXAMINATION CERTIFICATE

[2] **Equipment or Protective System intended for use in Potentially Explosive Atmospheres Directive 94/9/EC**

[3] EC-Type Examination Certificate Number: **DEMKO 02 ATEX 132122**

[4] Equipment: Loop-powered LCD indicator, type 5531B

[5] Manufacturer: PR Electronics A/S

[6] Address: Lerbakken 10, 8410 Rønde, Denmark

[7] This equipment or protective system and any acceptable variation there to is specified in the schedule to this certificate and the documents therein referred to.

[8] UL International Demko A/S, notified body number 0539 in accordance with Article 9 of the Council Directive 94/9/EC of 23 March 1994, certifies that this equipment or protective system has been found to comply with the Essential Health and Safety Requirements relating to design and construction of equipment and protective systems intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in confidential report no. 132122-01

[9] Compliance with the Essential Health and Safety Requirements has been assured by compliance with:
EN 50014: 1997 E incl. A1+A2 **EN 50020: 1994 E**
EN 50284: 1999

[10] If the sign "X" is placed after the certificate number, it indicates that the equipment or protective system is subject to special conditions for safe use specified in the schedule to this certificate.

[11] This EC-Type examination certificate relates only to the design, examination and tests of the specified equipment or protective system in accordance to the Directive 94/9/EC. Further requirements of the Directive apply to the manufacturing process and supply of this equipment or protective system. These are not covered by the certificate.

[12] The marking of the equipment or protective system shall include the following:

Ex II 1G EEx ia IIC T6

On behalf of UL International Demko A/S Herlev, 2002-08-09

Steen Lumby
Certification Manager

UL International Demko A/S
Lyskaer 8, P.O. Box 514
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Fax: +45 44856500

This certificate may only be reproduced in its entirety and without any change, schedule included

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[13] # Schedule

[14] ## EC-TYPE EXAMINATION CERTIFICATE No. DEMKO 02 ATEX 132122

[15] Description of Equipment or protective system:

Preview 5531B is a loop-powered LCD indicator for local readout of 4-20 mA current signals scaled directly in process units. Preview 5531B does not need any external power supply since the indicator is powered by the 4-20 mA loop signal. The indicator is fit with DIP switch to enable/disable the front keys thus facilitating scaling.

[16] Report No.:

132122-01

Drawings:

Number	Date	Description

The Schedule drawings are listed in the document entitled "5531G0".

The manufacturer shall inform the notified body concerning all modifications to the technical documentation as described in ANNEX III to Directive 94/9/EC of the European Parliament and the Council of 23 March 1994.

The certificate entitles the licensee to provide the product with the registered mark Ⓓ and the Epsilon-x mark Ⓔx.

[17] Special conditions for safe use:

U_i : 45V
I_i : 500mA DC
P_i : 0,9W
L_i : 0mH
C_i : 0µF

- Ambient temperature range: -20°C ≤ Ta ≤ +60°C.
- The 5531B (dip switch and terminals) may not be mounted closer than 50 mm from other non intrinsically safe equipment.

[18] Essential Health and Safety Requirements

Concerning ESR this Schedule verifies compliance with the Ex standards only. The manufacturer's Declaration of Conformity declares compliance with other relevant Directives.

On behalf of UL International Demko A/S

Herlev, 2002-08-09

Steen Lumby
Certification Manager