[1] # TYPE EXAMINATION CERTIFICATE

[2] **Equipment or Protective System intended for use in Potentially Explosive Atmospheres Directive 2014/34/EU**

[3] Type Examination Certificate Number: **DEMKO 11 ATEX 150190X Rev. 3**

[4] Product: **Industrial Ethernet Switches and Media Converters, IE-SW-PL10M and IE-SW-PL10MT Series**

[5] Manufacturer: **Weidmüller Interface GmbH & Co. KG**

[6] Address: **Klingenbergstraße 16, 32758 Detmold, Germany**

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

[8] UL International Demko A/S certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Annex II to Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014.

The examination and test results are recorded in confidential report no. **4787864129.3.1**

[9] Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN 60079-0:2012+A11:2013 **EN 60079-15:2010**

except in respect of those requirements listed at item 18 of the Schedule.

[10] If the sign "**X**" is placed after the certificate number, it indicates that the product is subject to the Specific Conditions of Use specified in the schedule to this certificate.

[11] This Type examination certificate relates only to the design of the specified product, and not to specific items of product subsequently manufactured.

[12] The marking of the product shall include the following:

II 3 G Ex nA nC IIC T4 Gc

Certification Manager
Jan-Erik Storgaard

This is to certify that the sample(s) of the Product described herein ("Certified Product") has been investigated and found in compliance with the Standard(s) indicated on this Certificate, in accordance with the ATEX Product Certification Program Requirements. This certificate and test results obtained apply only to the product sample(s) submitted by the Manufacturer. UL did not select the sample(s) or determine whether the sample(s) provided were representative of other manufactured product. UL has not established Follow-Up Service or other surveillance of the product. The Manufacturer is solely and fully responsible for conformity of all product to all applicable Standards, specifications, requirements or Directives. The test results may not be used, in whole or in part, in any other document without UL's prior written approval.

Date of issue: 2011-04-20
Re-issued: 2017-04-24

Certification Body UL International Demko A/S, Borupvang 5A, 2750 Ballerup, Denmark
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[13] [14]

Schedule
TYPE EXAMINATION CERTIFICATE No.
DEMKO 11 ATEX 150190X Rev. 3

[15] Description of Product:
The devices are DIN rail mounted industrial Ethernet switches and media converters. Models covered by this certificate are: Models IE-SW-PL10M-3GT-7TX, IE-SW-PL10MT-3GT-7TX, IE-SW-PL10M-1GT-2GS-7TX and IE-SW-PL10MT-1GT-2GS-7TX.

Model Differences – As outlined below:

Models	RJ 45 Port	Fiber Ethernet Port
IE-SW-PL10M(T)-3GT-7TX	7 x 10/100Base T(X) ports and 3 x 1000BaseT(X) ports	
IE-SW-PL10M(T)-1GT-2GS-7TX	7 x 10/100Base T(X) ports and 1 x 1000BaseT(X) ports	2 x SFP fiber connectors

(T) in Model names does not affect electrical properties of the models

The optical radiation output of the product with respect to explosion protection, according to Annex II clause 1.3.1 of the Directive 2014/34/EU is not covered in this certificate.

Temperature range:
The relation between ambient temperature and the assigned temperature class is as follows:

Ambient temperature range	**Temperature class**
-40 °C to +75 °C	T4

Electrical data

Rated Supply Voltage and Current	12 - 45 V dc, Maximum 1.46 A, Class 2
Relay Output	24 V dc, 1 A

Routine tests:
N/A

[16] Descriptive Documents
The scheduled drawings are listed in the report no. provided under item no. [8] on page 1 of this Type Examination Certificate.

[17] Special Conditions of Use:

- These products are intended to be mounted in an ATEX-Certified IP54 enclosure accessible only with use of a tool, and the device must be used in an area of not more than pollution degree 2 as defined in EN 60664-1.
- Provisions shall be made to provide the transient protection device to be set at a level not exceeding 140% of the peak rated voltage.

[18] Essential Health and Safety Requirements
The Essential Health and Safety Requirements (EHSRs) covered by the standards listed at item 9.

Additional information

The trademark Weidmüller will be used as the company identifier on the marking label.