



**BUREAU
VERITAS**

(1) **EC Certificate of Conformity**



(2) **Equipment and Protective Systems Intended for Use
in Potentially Explosive Atmospheres – Directive 94/9/EC**

(3) **EC Certificate of Conformity Number:**

EPS 08 ATEX 1 137 X

(4) **Equipment:** TEX 120-112, TEX 120-124

(5) **Manufacturer:** Traco Electronic AG

(6) **Address:** Jenatschstrasse 1, CH-8002, Zurich, Switzerland

(7) This equipment and any acceptable variation thereto are specified in the schedule to this certificate and the documents therein referred to.

(8) Bureau Veritas E&E Product Services GmbH, Notified Body No. 2004 in accordance with Article 9 of the Council Directive 94/9/EC of March 23rd 1994, certifies, based on a voluntary testing, that this equipment has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmospheres, given in Annex II of the Directive.
The examination and test results are recorded in the confidential report 08TH0230.

(9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:


EN 60079-0: 2006

EN 60079-15: 2005

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

(11) This EC Certificate of Conformity relates only to the design and the construction of the specified equipment in accordance with Directive 94/9/EC. Further requirements of this Directive apply to the manufacture and supply of this equipment.

(12) The marking of the equipment shall include the following:

 II 3G Ex nA II T4

Certification department of explosion protection

Türkheim, February 11, 2009

A. Hänchen





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- (13) **Annexe**
- (14) **EC-Certificate of Conformity EPS 08 ATEX 1 137 x**
- (15) Description of equipment:

The equipment is a power supply for connection to the mains. The 12V or 24V output is galvanically separated to the mains circuit via an insulation transformer and optical isolators. Both power supplies use the same mechanical construction, circuit principle, are class I and provide an IP67 metal enclosure. The status of the output voltage is shown on the front side with a green LED. The output voltage can be adjusted via an internal potentiometer.

Electric data:

TEX 120-112

Input: 100-240Vac; 2,2-1,0A; 50/60Hz
Output: 12Vdc; 8,0A

TEX 120-124

Input: 100-240Vac; 2,4-1,2A; 50/60Hz
Output: 24Vdc; 5,0A

- (16) Test report: 08TH0230
- (17) Special conditions for safe use:

Ambient temperature and derating shall be considered.

- (18) Essential health and safety requirements:

Met by standards.

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