



Translation

STATEMENT OF CONFORMITY

(1) Equipment or Protective System intended for use in potentially explosive atmospheres. Directive 94/9/EC



(3) Test certificate number

TUV 01 ATEX 1774 X

(4) Equipment or Protective System: System and field power supply type 8913-PS-AC and Field power supply type 8914-PS-AC

(5) Manufacturer: Measurement Technology Limited

(6) Address: Power Court
Luton
Bedfordshire LU1 3JJ

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

(8) The TÜV Hannover/Sachsen-Anhalt e.V., TÜV Certification Body N° 0032, notified body, in accordance with Article 9 of the Council Directive 94/9/EC of March 23, 1994, certifies that this equipment or protective system 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 to the Directive. The examination and test results are recorded in confidential report N° 01 YEX 138460.

(9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:
EN 50 021: 1999

(10) If the sign "X" is placed after the certification 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 statement of conformity certificate relates only to the design and construction of the specified equipment or protective system according to Directive 94/9/EC. Further requirements of this Directive apply to the manufacture and placing on the market of this equipment or protective system.

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

II 3 G EEx n A II T4

TÜV Hannover/Sachsen-Anhalt e.V.
TÜV CERT-Zertifizierungsstelle
Am TÜV 1
D-30519 Hannover

Hanover 2001-12-04



OK will
Head of the
Certification Body



(13)

SCHEDULE

(14) **STATEMENT OF CONFORMITY N° TÜV 01 ATEX 1774 X**

(15) Description of equipment or protective system

The devices „System and field power supply type 8913-PS-AC“ and „Field power supply type 8914-PS-AC“ in their various versions are used for the supply of electrical devices or electrical installations.

Output voltage and output current are variable by connecting the output modules in series or parallel.

In the option D1 for the devices the output voltage can be monitored.

The devices „System and field power supply type 8913-PS-AC“ and „Field power supply type 8914-PS-AC“ may be operated in explosion hazardous areas that require apparatus of the category 3.

The permissible ambient temperature range is $-40^{\circ}\text{C} \dots +70^{\circ}\text{C}$.

The maximum permissible case temperature T_C of 80°C must not be exceeded.

Electrical data

Supply voltage $U_n = 240 \text{ V a. c. (85 \dots 264 \text{ V a. c.}), 47 \dots 65 \text{ Hz}$
(Connections 1 [PE], resp.
2 [N resp. -], 3 [L resp. +]) $U_n = 220 \text{ V d. c. (90 \dots 250 \text{ V d. c.})}$

Outputs $24 \text{ V d. c., } 10\text{A, } 250 \text{ W (Type 8914-PS-AC)}$
 $24 \text{ V d. c., } 5\text{A and}$
 $12 \text{ V d. c., } 5\text{A, } 185 \text{ W (Type 8913-PS-AC)}$

(Connections 1, 11 [PE],
2, 3 [Output 1, +],
4, 5 [Output 1, -],
6, 7 [Output 2, +],
8, 9 [Output 2, -],
10 [Options])

(16) Test documents are listed in the test report no. 01YEX 138 460.

(17) Special conditions for safe use

1. Only devices non-sparking in normal operation, which are suitable for use in zone 2 explosion hazardous areas and which are appropriate for the conditions which exist at the place of operation, are permitted to be connected to the output- or input circuits in zone 2.
2. The installer/user must ensure that under all ambient and load conditions the maximum permissible case temperature T_C of 80°C is not exceeded.

(18) Essential Health and Safety Requirements

no additional ones

Translation

1. SUPPLEMENT

to Certificate No.	TÜV 01 ATEX 1774 X
Equipment:	System and field power supply type 8913-PS-AC and Field power supply type 8914-PS-AC
Manufacturer:	GE Fanuc Intelligent Platforms
Address:	The Village Building 240, Butterfield Business Park Luton LU2 8DL England
Order number:	8000555004
Date of issue:	2009-04-21

In the future, the

System and field power supply type 8913-PS-AC and the
Field power supply type 8914-PS-AC
are also allowed to be manufactured according to the documents listed in the test report.

The changes concern the internal construction of the apparatus, the marking,
the „Special conditions for safe use“ and the company name/address.

The electrical data and all other details apply unchanged.

The equipment according to this supplement meets the requirements of these standards:

EN 60 079-0:2006

EN 60 079-15:2005

(16) The test documents are listed in the test report No. 09.204 555004.

1. Supplement to Certificate No. TÜV 01 ATEX 1774 X

(17) Special conditions for safe use

1. The converter with output voltages of $\leq 31.5V$ have to be installed in a suitable housing according to a degree of protection of at least IP 40 in such a way, that the requirements of EN 60079-15 and EN 60529 are met and they are only allowed to be installed in locations providing adequate protection against the entry of solid foreign objects or water.
The manual of the manufacturer has to be observed.
2. Only devices non-sparking in normal operation, which are suitable for use in zone 2 explosion hazardous areas and which are appropriate for the conditions which exist at the place of operation, are permitted to be connected to the output- or input-circuits in zone 2.
3. The installer/user must ensure that under all ambient and load conditions the maximum permissible case temperature T_c of 80°C is not exceeded.

(18) Essential Health and Safety Requirements

no additional ones

TÜV NORD CERT GmbH, Langemarckstraße 20, 45141 Essen, accredited by the central office of the countries for safety engineering (ZLS), Ident. Nr. 0044; legal successor of the TÜV NORD CERT GmbH & Co. KG Ident. Nr. 0032

The head of the certification body:



Schwedt

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