



(1) **EC-TYPE-EXAMINATION CERTIFICATE** (Translation)

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

(3) EC-type-examination Certificate Number:

PTB 01 ATEX 1036



(4) Equipment: Command and Indicating Device Type 800G-1*****,
800G-2*****, and 800G-3*****

(5) Manufacturer: Rockwell Automation / Allen-Bradley

(6) Address: 1201 South Second Street, 53204 Milwaukee WI, USA

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

(8) The Physikalisch-Technische Bundesanstalt, notified body No. 0102 in accordance with Article 9 of the Council Directive 94/9/EC of 23 March 1994, certifies 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 to the Directive.

The examination and test results are recorded in the confidential report PTB Ex 01-11071.

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

EN 50014:1997 +A1 + A2

EN 50018:1994

EN 50019:1994

EN 50028:1987

EN 50281-1-1:1998

(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-type-examination Certificate relates only to the design and 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 2 G EEx edm IIC T6 or II 2 D IP 65 T 80 °C

Zertifizierungsstelle Explosionsschutz

Braunschweig, October 01, 2001

By order:

Dipl.-Phys. U. Völkel

SCHEDULE

(13)

(14) **EC-TYPE-EXAMINATION CERTIFICATE PTB 01 ATEX 1036**

(15) Description of equipment

The control and indicating device type 800G-1*****, 800G-2***** and 800G-3***** consists of one or several plastic enclosures designed to type of protection Increased Safety "e". The enclosures can be fitted with terminals as well as with control and indicating elements. Cable entries are provided for connection.

All incorporated or attached components will be tested and certified under a separate examination certificate.

Should the control and indicating device be used in atmospheres where because of the presence of dust are potentially explosive (marking: D), all components attached to the device have to be specially certified for such conditions.

Technical data

Rated insulation voltage:*	..... up to	690 V
Rated voltage:*	..... up to	400 V
Rated current:*	..... max.	20 A
Conductor size:*	..... max.	2.5 mm ²
Protective conductor:*	..... max.	2.5 mm ²

*) depending on the type of terminal and explosion-proof components used

Ambient temperature range: -55°C to +60°C

Degree of protection: IP 65

The ratings are maximum values; the actual electrical values will be determined by the electrical apparatus actually installed. Depending on the system conditions, the mode of operation, the utilisation category, etc., the manufacturer will specify the definitive ratings which will be within the range of these limiting values and will comply with the relevant standards.

The actual ambient temperature range will be based on the admissible temperature range of the components used.

The composition of the protection symbol will be based on the types of protection of the components actually used.

(16) Test report PTB Ex 01-11071

Braunschweig und Berlin

SCHEDULE TO EC-TYPE-EXAMINATION CERTIFICATE PTB 01 ATEX 1036

(17) Special conditions for safe use

None

Notes for installation and use

The maximum number of conductors for each enclosure size, which depends on the cross-section and the admissible continuous current, is shown in the attached reference sheets.

(18) Essential health and safety requirements

The tests and the positive results these have produced reveal that the command and indicating device type 800G-1*****, 800G-2*****, and 800G-3***** meets the requirements of directive 94/9/EC as well as those of the standards quoted on the cover sheet.

Zertifizierungsstelle Explosionsschutz

By order:


Dipl.-Phys. U. Völker



Braunschweig, October 01, 2001

1. SUPPLEMENT

according to Directive 94/9/EC Annex III.6

to EC-TYPE-EXAMINATION CERTIFICATE PTB 01 ATEX 1036

(Translation)

Equipment: Command and Indicating Device Type 800G-1*****, 800G-2*****, and 800G-3*****

Marking:  II 2 G EEx edm IIC T6 or II 2 D IP 65 T 80 °C

Manufacturer: Rockwell Automation / Allen-Bradley

Address: 1201 South Second Street, WI 53204 Milwaukee, USA

Description of supplements and modifications

The ambient temperature range and the IP code of the command and indicating device type 800G-1*****, 800G-2*****, and 800G-3***** have been changed.

Ambient temperature range

for explosive gas atmospheres: -55 °C to +60 °C

for explosive dust atmospheres: -20 °C to +60 °C

Type of protection: IP 67 / IP 66

In conjunction with the positioner (Ø 65 mm), type 800G-SCM, the type of protection is IP 66.

The marking is now:

 II 2 G EEx e d m IIC T6 or II 2 D IP 66/IP 67 T 80 °C

Notes for manufacture und operation

The notes for manufacture und operation shall likewise apply to this 1st supplement.

Test report: PTB Ex 03-13163

Zertifizierungsstelle Explosionsschutz

By order:

Dr.-Ing. U. Klausmeyer
Regierungsdirektor



Braunschweig, January 06, 2004

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