

(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: **KEMA 03ATEX2476**
- (4) Equipment or protective system: **Fieldbus Remote Indicator Model 752**
- (5) Manufacturer **Rosemount Inc.**
- (6) Address: **8200 Market Boulevard, Chanhassen, MN 55317, USA**
- (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) KEMA Quality B.V., notified body number 0344 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 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 no. 2037194.

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

EN 50014 : 1997 EN 50018 : 2000 EN 50281-1-1 : 1998

- (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 according 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 this certificate.
- (12) The marking of the equipment or protective system shall include the following:


II 2 G
EEx d IIC T5 ... T6
II 1 D
T 105° C

Arnhem, 5 November 2003
KEMA Quality B.V.



C.G. van Es
Certification Manager

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SCHEDULE

(13)

(14)

to EC-Type Examination Certificate KEMA 03ATEX2476

(15) **Description**

The Fieldbus Remote Indicator Model 752 is a two wire LCD display mounted in an aluminium or stainless steel housing and is used to monitor status and activity on a Fieldbus or Profibus segment.

The relation between the ambient temperature and the temperature class is given in the table below:

Temperature class or maximum surface temperature	Ambient temperature range
T6	-20 °C to +65 °C
T5	-20 °C to +80 °C
T 105 °C	-20 °C to +85 °C

Technical data

Power supply and output circuit: Foundation Fieldbus 9 - 32 Vdc, 17,5 mA
42,4 V max, 27 mA
Degree of ingress protection: IP 66 according to EN 60529

Installation instructions

The cable and conduit entry devices and blanking elements shall be of a certified flameproof type EEx d, suitable for the conditions of use and correctly installed. With the use of conduit entries a sealing device shall be provided immediately at the entrance of the enclosure.

Suitable heat-resistant cables shall be used when the ambient temperature at the cable or conduit entries exceeds 60 °C.

Routine tests

None.

(16) **Report**

KEMA No. 2037194.

(17) **Special conditions for safe use**

None.

(18) **Essential Health and Safety Requirements**

Covered by the standards listed at (9).

(19) **Test documentation**

	<u>dated</u>
1. Product compliance report No. C1727-01	02.04.2003
Amendment C1727-02	31.10.2003
2. Drawing No. 00752-1031, rev. AB (3 sheets)	21.04.2003