



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: **Baseefa03ATEX0239X**
- 4** Equipment or Protective System: **MODEL 752 FIELDBUS REMOTE INDICATOR**
- 5** Manufacturer: **ROSEMOUNT INC.**
- 6** Address: **12001 Technology Drive, Eden Prairie, Minnesota 55344-3695, USA**

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** Baseefa (2001) Ltd. Notified body number 1180, 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. **03(C)0386**

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

EN 50014:1997 + Amendments 1 & 2 EN 50020:2002 EN 50284:1999

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 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 and construction of the specified equipment or protective system. 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 1 G EEx ia IIC T4 (-20°C ≤ Ta ≤ +60°C)

This certificate may only be reproduced in its entirety, without any change, schedule included.

Baseefa (2001) Ltd. Customer Reference No. **0914**

Project File No. **03/0386**

This certificate is granted subject to the general terms and conditions of Baseefa (2001) Ltd. It does not necessarily indicate that the equipment may be used in particular industries or circumstances.

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R S SINCLAIR
DIRECTOR
On behalf of
Baseefa (2001) Ltd.

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Schedule

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Certificate Number Baseefa03ATEX0239X

15 Description of Equipment or Protective System

The Model 752 Fieldbus Remote Indicator is a two-wire display and control device used to monitor status and control activity on a Fieldbus/Profibus network. It draws its operating power from the network and communicates to other devices on the network using Fieldbus or Profibus protocols.

The Model 752 consists of a liquid crystal display and controller within a stainless steel or aluminium enclosure. This display, enclosure and Fieldbus Feature Board are identical to those used on the Model 3051S Pressure Transmitter.

The basic Model 752 is for display purposes only; further options available include FISCO, a transient option and a Software Control Function.

Input parameters

Fieldbus:

$$\begin{array}{ll} U_i = 30V & C_i = 0 \\ I_i = 300mA & L_i = 0 \\ P_i = 1.3W & \end{array}$$

FISCO, Group IIC:

$$\begin{array}{ll} U_i = 15V & C_i = 0 \\ I_i = 215mA & L_i = 0 \\ P_i = 2W & \end{array}$$

FISCO, Group IIB:

$$\begin{array}{ll} U_i = 15V & C_i = 0 \\ I_i = 500mA & L_i = 0 \\ P_i = 5.32W & \end{array}$$

16 Report Number

03(C)0386

17 Special Conditions for Safe Use

When fitted with the transient option, the apparatus is not capable of withstanding the 500V test as defined in Clause 6.4.12 of EN 50020:2002. This must be taken into account during installation.

- The enclosure may be aluminium, protected against low-levels of impact by a coating of epoxy polyester or polyurethane paint. The risk of high-levels of impact must be considered in any installation and protected accordingly.

18 Essential Health and Safety Requirements

All relevant Essential Health and Safety Requirements are covered by the standards listed at item 9.



19 Drawings and Documents

Number	Sheet	Issue	Date	Description
00752-1032	1 to 3	AC	5/14/03	Fieldbus Remote Indicator configuration
03151-3500	1 to 5	AE	1/23/03	Fieldbus Feature Board circuit schematic
03151-3501	1 to 3	AD	1/2/02	Fieldbus Feature Board PCB
03151-3502	1 to 2	AE	2/1/03	Fieldbus Feature Board PCB assembly
03151-4217	1	AC	1/21/02	Dual compartment Fieldbus terminal block
03151-4218	1 to 3	AC	1/21/02	Dual compartment Fieldbus terminal block PCB
03151-4219		AD	1/21/02	Dual compartment Fieldbus terminal block PCB assembly
03151-4600	to 4	AE	11/11/01	LCD board circuit schematic
03151-4601	to 3	AH	5/14/02	LCD board PCB
03151-4602	1	AF	6/13/02	LCD board PCB assembly

Drawings are common to Baseefa03ATEX0240X.