

ATEX II 3 G Certificate

RELC07ATEX1003X

We, Relcom, hereby declare that the following equipment complies with Directive 94/9/EC (ATEX):

FBT-6 **Fieldbus Monitor**
FBT-6(-PA) **Fieldbus Monitor (Profibus PA)**

Manufactured by:
Relcom, Inc. 2221 Yew Street, Forest Grove, OR, 97116, USA

Authorized Representative in the EU:
Measurement Technology Limited, Power Court, Luton Beds. LU1 3JJ. UK

This equipment fulfils all the requirements for Group II, Category 3 G equipment in accordance with Directive 94/9/EC. The equipment comply with:

- IEC 60079-0:2004 "Electrical apparatus for potentially explosive atmospheres – Part 0: General requirements"
- IEC 60079-11:2006 "Explosive atmospheres – Part 11: Equipment protection by intrinsic safety 'i'"
- IEC 60079-15:2005 "Electrical apparatus for potentially explosive atmospheres – Part 15: Construction, test and marking of type of Protection 'n' electrical apparatus"

The design is documented in the Relcom Technical File No. 501-374

The safety markings, **Ex nL IIC T4** and **Ex ic IIC T4**, of the apparatus are specified in the Technical File (Document No. 501-374) and include the distinctive community marks:



The 'L' relates to the product use on an energy-limited circuit.
The 'ic' relates to a level of protection associated with intrinsic safety
The permitted input parameters are: $U_i: 32V$, $I_i: 1.5A$, L_i and C_i are negligible.

Manufacture is internally controlled by a Quality Management System modeled after ISO 9001:2000 and EN13980:2002.

The apparatus is designed to be installed and used in accordance with IEC 60079-14:2003.

The ambient operating temperature range is -20°C to +50°C.

Apparatus meets the ATEX Directive requirements for personnel protection by complying with the LVD Directive 2006/95/EC. The personnel safety standards of IEC 61010-1 are also met by the apparatus.

Special Conditions of safe use: The apparatus USB port must only be used in safe areas. The apparatus USB and fieldbus ports must not be connected to external circuits at the same time.

C. Kelly
Engineer

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M. Graube
President



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