



EC - TYPE EXAMINATION CERTIFICATE

**Equipment or Protective System Intended for use in Potentially Explosive Atmospheres
Directive 94/9/EC**

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- 3 EC - Type Examination Certificate Number: **Baseefa09ATEX0322**
- 4 Equipment or Protective System: **A Type VB3 Flashing Beacon**
- 5 Manufacturer: **Vodec Industrial Communications Limited**
- 6 Address: **Parkview, Lockwood Close, Nottingham, NG5 9JN**
- 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 Baseefa, 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. **08(C)0389**
- 9 Compliance with the Essential Health and Safety Requirements has been assured by compliance with:
EN60079-0: 2009 **EN60079-1: 2007**
- 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 :

Ex II 2G Ex d IIB T3 (T_{amb} - 40°C to + 60°C) Gb

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

Baseefa Customer Reference No. **5906**

Project File No. **08/0389**

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

Baseefa

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R S SINCLAIR 
DIRECTOR
On behalf of
Baseefa



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Schedule

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Certificate Number Baseefa09ATEX0322

15 Description of Equipment or Protective System

The Type VB3 Flashing Beacon comprises an aluminium alloy cylindrical enclosure and cover. The cover is provided with a wellglass and a wire guard and is retained by six M8 fasteners of grade A4-80 stainless steel. The base houses a PCB for the flashing circuit, the xenon lamp and a Fresnel lens which may be coloured. The base has two bosses for provision of up to 4 tapped cable entries.

The beacon is rated from 24 – 140 Vd.c. or 110 – 254 Va.c, 60W.

Cable entry holes are provided as specified on the certified drawings for the accommodation of flameproof cable entry devices, with or without the interposition of a flameproof thread adapter. Unused entries are to be fitted with suitable certified flameproof stopping plugs.

The cable entry devices, thread adapters and stopping plugs shall be suitable for the equipment, the cable and the conditions of use and shall be certified as Equipment (not a Component) under an EC-Type Examination Certificate to Directive 94/9/EC.

16 Report Number

Baseefa Certification Report 08(C)0389

17 Special Conditions for Safe Use

None.

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
07/01/101	1	04	04.01.10	General Assembly
07/01/101	2	04	04.01.10	General Assembly
07/01/101	3	04	04.01.10	General Assembly
07/01/101	4	04	04.01.10	General Assembly
07/01/101	5	04	04.01.10	General Assembly - Base
07/01/101	6	04	04.01.10	General Assembly - Cover
07/01/101	7	04	04.01.10	General Assembly - Cover
07/01/101	8	04	04.01.10	General Assembly
07/01/101	9	04	04.01.10	General Assembly - Internal
07/01/101	10	02	04.01.10	General Assembly
07/01/100	1	04	04.01.10	Cable Entry Details
07/08/011	1	3	24.12.09	Wellglass
07/04/001	1	3	24.12.09	Certification Label