

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: **Baseefa12ATEX0077X**

4 Equipment or Protective System: **AZ30 Remote Terminal Box**

5 Manufacturer: **ABB Limited**

6 Address: **Oldends Lane, Stonehouse, Gloucestershire, GL10 3TA**

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. **GB/BAS/ExTR 12.0061/00**

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

**IEC 60079-0: 2011**  
**EN 60079-1: 2007**  
**EN 60079-31: 2009**

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 2GD Ex d IIB+H<sub>2</sub> T6 Gb (Ta -20°C to +70°C) Ex tb IIIC T85°C Db (Ta -20°C to +70°C) IP66**

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

Baseefa Customer Reference No. **0614**

Project File No. **10/0114**

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**

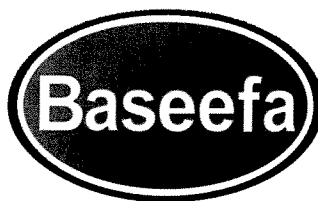
Rockhead Business Park, Staden Lane,  
Buxton, Derbyshire SK17 9RZ

Telephone +44 (0) 1298 766600 Fax +44 (0) 1298 766601  
e-mail [info@baseefa.com](mailto:info@baseefa.com) web site [www.baseefa.com](http://www.baseefa.com)

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**R/S SINCLAIR**  
**DIRECTOR**  
On behalf of  
Baseefa



13 **Schedule**

14 **Certificate Number Baseefa12ATEX0077X**

15 **Description of Equipment or Protective System**

The AZ30 Remote Terminal Housing is a cylindrical terminal box with a threaded cover

The internal arrangement comprises a strip of up to 9 screw type through terminals and a strip of up to 6 screw type through terminals, both mounted on a metal mounting plate.

The terminal housing has a M25 or 3/4 NPT threaded cable entry in the rear. In addition a cable entry boss is provided on the side of the enclosure threaded M20 or M25, or alternatively 1/2 NPT or 3/4 NPT.

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 Ex Equipment (not an Ex Component) under an EC-Type Examination Certificate to Directive 94/9/EC.

**Variation 0.1**

A Transmitter Unit, as detailed by Baseefa12ATEX0078U, may optionally be fitted to the cable entry boss via a Bartec Type 07-91 bushing to PTB97ATEX1047U

16 **Report Number**

Baseefa Certification Report GB/BAS/ExTR12.0061/00

17 **Specific Conditions of Use**

- 1 Some flamepath gaps are specified tighter than those permitted by Table 2 of EN 60079-1. The manufacturer's instructions shall be consulted for information on these dimensions if required for inspection and/or maintenance
- 2 For replacement purposes the fasteners shall be stainless steel grade A2/A4-70 or stronger
- 3 When used in dust atmospheres the cable entries shall be sealed in accordance with EN 60079-14 to maintain the IP66 rating

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
* AZ300 030	1	1	30/03/12	AZ30 G.A., System Drawing
** AZ300 030	5	1	04/04/12	AZ30 G.A., Remote Terminal Box &, Transmitter Assembly.
*** AZ300 030	8	1	03/04/12	AZ30, Nameplate, Remote Terminal Box

\* This drawing is common to IECEx BAS 12.0048X, IECEx BAS 12.0049X, IECEx BAS 12.0050U, Baseefa12ATEX0076X and Baseefa12ATEX0078U and is held with IECEx BAS 12.0048X.]

\*\* This drawings is common to IECEx BAS 12.0049X, IECEx BAS 12.0050U, Baseefa12ATEX0078U and is held on IECEx BAS 12.0049X.

\*\*\* This drawing is common to, and are held with, IECEx BAS 12.0049X