

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: **Baseefa14ATEX0124X**

4 Equipment or Protective System: **A Type EP000/me Solenoid**

5 Manufacturer: **Pneumatrol Limited**

6 Address: **West End Business Park, Blackburn Road, Oswaldtwistle, Nr Accrington,  
Lancashire, BB5 4WZ**

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/ExTR14.0144/00**

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

**EN60079-0: 2012 EN60079-7: 2007 EN60079-18: 2009 EN60079-31: 2014**

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 2 GD Ex e mb IIC T4 Gb Ta -20°C to + 65°C Ex tb IIC T105°C Db IP66/67**

Baseefa Customer Reference No. **0887**

Project File No. **06/0896**

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**R S SINCLAIR  
GENERAL MANAGER**

On behalf of SGS Baseefa Limited

13 **Schedule**

14 **Certificate Number Baseefa14ATEX0124X**

15 **Description of Equipment or Protective System**

A Type EP000/me Solenoid comprises a cast stainless steel enclosure containing a thermally fused solenoid assembly encapsulated in epoxy resin compound, and a circular terminal enclosure. The terminal enclosure houses a component certified 2 way terminal block type MK3 afforded IECEx SIR 05.0036U, and is provided with an internal earth terminal, an access cover, and has a single threaded cable entry.

The solenoid is rated 12Vac to 250Vac, 9VA, 50Hz, and 12Vdc to 240Vdc, 3W.

A cable entry hole is provided as specified on the certified drawings for the accommodation of a cable entry device, with or without the interposition of a thread adapter.

The cable entry device, and thread adapters 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.

The cable entry device shall maintain the ingress protection of the enclosure

16 **Report Number**

GB/BAS/ExTR14.0144/00

17 **Specific Conditions of Use**

1. The temperature of the medium passing through the valve must not exceed 60°C.
2. The supply circuit must be protected by a fuse capable of withstanding a prospective short circuit current of 1500A.

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	Issue	Date	Description
CV5434/SS	1	04.11.14	EP000/EEExme Coil Assembly (ATEX/IECEX)
V1211E4P	6	06.08.14	Bobbin
AV5181	2	18.09.14	Terminal Card Assembly
V6218G2S	3	31.10.14	Label for ExME SS (ATEX/IECEX)

These drawings are common to and held with IECEx BAS 14.0070X