



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: **Baseefa09ATEX0064**

4 Equipment or Protective System: **TX6845 Group I LED Indicator**

5 Manufacturer: **Trolex Limited**

6 Address: **Hazel Grove, Stockport, Cheshire, SK7 5DY**

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/ExTR09/0037/00**

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

EN 60079-0: 2006 EN 60079-11: 2007 EN 50303: 2000

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 :

⊕ I M1 Ex ia I (-20°C ≤ Ta ≤ +55°C)

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

Baseefa Customer Reference No. **1159**

Project File No. **08/0651**

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 web site www.baseefa.com
Baseefa is a trading name of Baseefa Ltd
Registered in England No. 4305578. Registered address as above.

A handwritten signature in dark ink, appearing to read "R Sinclair".

R S SINCLAIR

**DIRECTOR
On behalf of
Baseefa**



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Schedule

14

Certificate Number Baseefa09ATEX0064

15 Description of Equipment or Protective System

The TX6845 Group I LED Indicator is designed to be mounted into a panel and will illuminate when powered from an external source.

It comprises an enclosure into which is mounted a printed circuit board containing a resistor and a light emitting diode. The enclosure is formed in two parts, a polycarbonate rear body and a transparent polycarbonate lens, the light emitting diode being viewed through the lens.

Electrical connections are made to terminals mounted in the enclosure rear body.

$$U_i = 14.4V$$

16 Report Number

GB/BAS/ExTR09/0037/00

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
P5363.32	1 of 1	A	20.02.09	PCB, LED
P5363.33	1 of 1	A	28.04.09	Certified Circuit Diagram
P5363.36	1 of 1	A	20/02/2009	General Arrangement
P5363.37	1 of 1	A	06.03.09	Label Details ATEX

These drawings are also associated with Baseefa09ATEX0065.