



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: **Baseefa03ATEX0347X**

4 Equipment or Protective System: **COMPRESSION RING TYPE CABLE GLANDS**

5 Manufacturer: **TYCO THERMAL CONTROLS (UK) LIMITED**

6 Address: **3 Rutherford Road, Stephenson Industrial Estate,
Washington, Tyne & Wear, NE37 3HX**

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 (2001) Ltd. 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. **02(C)0214**

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

EN 50014: 1997 + Amendments 1 & 2, EN 50018: 2000 + Amendment 1, EN 50281-1-1: 1998

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 EEx d IIC

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

Baseefa (2001) Ltd. Customer Reference No. **0138**

Project File No. **02/0214**

This certificate is granted subject to the general terms and conditions of Baseefa (2001) Ltd. It does not necessarily indicate that the equipment may be used in particular industries or circumstances.


Baseefa (2001) Ltd.

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PP R S SINCLAIR
DIRECTOR
On behalf of
Baseefa (2001) Ltd.



13

Schedule

14

Certificate Number Baseefa03ATEX0347X

15 Description of Equipment or Protective System

The cable glands each comprise a threaded gland body, a compression ring and a back-nut all manufactured in either brass or stainless steel.

The glands are manufactured to fit a range of propriety mineral insulated metal sheathed cable sizes, from 5mm to 26mm diameter (2L1 to 1H300), thermocouples from 1mm to 12.7mm diameter, or thermoelectric heater cables and heating element cold lead-in cables within the above size ranges. Guidance on the selection of appropriate gland sizes is included in the manufacturer's instructions

The entry threads provided on the gland body may be M16, M20, M32 or M40 (or equivalent size of BS Conduit, NPSM, NPT, BSP or Pg threadforms) .

16 Report Number

Baseefa Certification Report 02(C)0214

17 Special Conditions for Safe Use

1. When used in dust atmospheres the flameproof cable entries shall be sealed in accordance with the manufacturer's instructions, and applicable code of practice, such that the dust tight (IP6X) integrity of the associated enclosure is maintained.
2. If these glands are to be used on metal sheathed heater cables, the gland shall only be fitted on the cold lead in section of the cable.
3. Gland parts are not interchangeable and different cable sizes or gland materials should not be mixed.
4. These glands are considered suitable over the temperature range -60°C to +250°C.

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
0100	5	16/07/2003	Gland Assembly
1019	5	16/07/2003	Gland Body, (M16-M40 & Equivalents)
2012	3	16/07/2003	Back-nut & Marking
3009	5	16/07/2003	Compression Ring, Cables
3015	4	16/07/2003	Compression Ring, Thermocouple
1008	3	16/07/2003	Gland Body, Thermocouple, Small (1/8-1/2 BSP)
2023	4	16/07/2003	Back-nut & Marking, Thermocouple, Small
3100	2	16/07/2003	Compression Ring, Thermocouple, Small