1 # EC-TYPE EXAMINATION CERTIFICATE

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

3 EC-Type Examination Certificate Number : **MECS01ATEX5399U**

4 Component: **TYPE A39PI I.P.C. CONNECTOR**

5 Manufacturer: **VICTOR PRODUCTS LIMITED**

6 Address: **Newcastle-upon-Tyne, NE27 0QF**

7 This Component and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

8 The Electrical Equipment Certification Service, notified body number 600 in accordance with Article 9 of the Council Directive 94/9/EC of 23 March 1994, certifies that this component has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of components intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in confidential Report N°

01(C)0920 dated 19 November 2001

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

EN 50014: 1997 + Amds 1 & 2 **EN 50018: 2000**

except in respect of those requirements listed at item 18 of the Schedule.

10 The sign **"U"** placed after the certificate number indicates that this certificate must not be mistaken for a certificate intended for an equipment or protective system. This partial certification may be used as a basis for certification of an equipment or protective system.

11 This EC-TYPE EXAMINATION CERTIFICATE relates only to the design and construction of the specified component. If applicable, further requirements of this Directive apply to the manufacture and supply of this component.

12 The marking of the component shall include the following:-

Ex I M 2 **EEx d I**

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

File No: EECS 1186/05/110

This certificate is granted subject to the general conditions of the Electrical Equipment Certification Service. It does not necessarily indicate that the apparatus may be used in particular industries or circumstances.

HSE Health & Safety Executive

Electrical Equipment Certification Service
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DIRECTOR
6 December 2001

13 Schedule

14 EC-TYPE EXAMINATION CERTIFICATE No. MECS01ATEX5399U

15 **Description of Component**

Type A39PI I.P.C. Connector rated for a 25V pilot circuit as BS 7202: 1989 for use with any appropriately certified Victor socket/IPC adaptor having a suitable flameproof interface. The connector comprises a cast gunmetal enclosure containing an insulator assembly through which passes a pilot contact and an earth contact. The connector has an internal earth connection facility and is provided with a gland assembly for a Type 62 flexible armoured cable.

VARIATION 0.1

Alternative glanding arrangement with a modified casting having a threaded entry for the accommodation of a suitable certified flameproof cable entry device (with or without the interposition of a suitable certified flameproof thread adaptor). The flameproof cable entry device and thread adaptor must be certified as Group I Equipment (not a Component) under an EC-Type Examination Certificate to Directive 94/9/EC.

The cable entry devices and cabling methods used in service must be suitable for their intended duty and the special types of cable used in mining

This version of the connector is designated as the TYPE A39PI/A I.P.C. CONNECTOR.

VARIATION 0.2

Alternative grade and material specifications used for the main casting.

16 **Report No.**

01(C)0920

17 **Schedule of Limitations**

The IPC connector should not be used with equipment for which the routine pressure test exceeds 10 bar without further assessment or tests.

18 **Essential Health and Safety Requirements**

None that are not covered by assessment against EN 50014 and EN 50018.

19 **DRAWING**

Number	Issue	Date	Description
CA165	1	19.9.01	Type A39PI IPC Connector

BASEEFA List Keywords
1PLUASOC