



Component Approval

No Ex 89Y1404U

THIS IS TO CERTIFY THAT A FLAMEPROOF INSULATED ADAPTOR

submitted by
REDAPT ENGINEERING COMPANY LTD
of Darlaston, West Midlands, WS10 8XB

designed and constructed in accordance with the specification set out in the Schedule and the documents therein referred to, including any variation specified in the Schedule, complies with the relevant requirements of BS 5501: Parts 1 and 5: 1977

This Approval should not in any way be construed as a Certificate of Assurance but it may be used by BASEEFA to establish the acceptability of the component for use as a component part of equipment which is certified by a Certificate of Assurance.

Insofar as the component used in an equipment subject to certification is identical with the one forming the subject of the present Component Approval, reference in a Certificate of Assurance to the Number of this Component Approval will suffice to specify the characteristics detailed in this document without the need for collection of documents or repetition of the examinations and tests detailed herein. This does not preclude a requirement for any supplementary tests which may be necessary as a function of the use of the component e.g. distances from enclosure walls, heating, etc.

This Approval is granted subject to the general conditions of the British Approvals Service for Electrical Equipment in Flammable Atmospheres and any additional conditions as may be prescribed.

This Approval is valid for three years from the date of issue unless previously suspended or revoked.

Code: EEx d IIC

Test Report No: 89(d)287
dated: 4 December 1989

File: EECS 0868/01/001



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I M CLEARE
DIRECTOR EECS
1 December 1989

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Component Approval		Schedule
NUMBER	Ex 89Y1404U	
DATED	1 December 1989	

COMPONENT **A Flameproof Insulated Adaptor** to provide electrical insulation between a cable entry device and an enclosure, comprising a cylindrical nylon insulator into which are screwed, after treatment with a specified adhesive, two brass (to BS 2874: 1986, CZ121) components providing M20 x 1.5 external and internal thread forms to BS 3643: 1981, medium fit (6g) for external threads, (6H) for internal threads.

DRAWING

Number	Issue	Date	Description
80 A 14	-	14.10.89	Insulated Adaptor

VARIATION ONE Alternative adaptors having the following sizes of male and female thread forms:

M25, M32, M40, M50, M63 and M75.

VARIATION TWO Alternative metal component materials

- (a) Mild Steel to BS 970: Part 1: 1983: Grade 230M07.
- (b) Stainless Steel to BS 970: Part 1: 1983: Grade 316.
- (c) Aluminium alloy to BS 1474: 1987: Grade 6082-T6.

VARIATION THREE Alternative thread forms of equivalent size

- (a) ET threads to BS 31: 1940 (1979), Table A for external threads, Table B for internal threads.
- (b) BSPP threads to BS 2779: 1973 for internal threads, Class A full form for external threads.
- (c) P.G threads to DIN 40430: 1971.
- (d) NPT threads to USAS B2.1 1968: Clause 36 for external threads, Clause 37 for internal threads.
- (e) BSPT threads to BS 21: 1985, Standard threads only as Clause 5.4, gauging to Clause 5.2 system A.

SCHEDULE OF LIMITATIONS

The component is not suitable for use where its service temperature will exceed 60 °C.



British Approvals Service for Electrical
Equipment in Flammable Atmospheres

Component Approval Variation

THIS IS TO CERTIFY THAT CERTIFICATE NO. Ex 89Y1404U

Held by REDAPT ENGINEERING COMPANY LIMITED
of Darlston, West Midlands, WS10 8XB

for the FLAMEPROOF INSULATED ADAPTOR

is hereby extended to apply to components conforming to the specification set out in the Schedules of the said Approval but having the variation specified in the following Schedule.

VARIATION To allow the use of NPSM thread forms on the adaptors as detailed on the certified drawing.

DRAWING

Number	Issue	Date	Description
80-A-14	2	30.3.95	Insulated Adaptors for use in Zone 1 EEx d IIC areas

File: EECS 0868/01/001

APPROVAL No: Ex 89Y1404U/1
AO

I M CLEARE
DIRECTOR EECS
18 April 1995

This certificate is issued under NACCB accreditation No. 020



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