



SCHEDULE

EC TYPE-EXAMINATION CERTIFICATE

Sira 00ATEX3074U

Re-issued 4 July 2005 to include the IP rating and to incorporate variation 1 dated 22 July 2002.

13 DESCRIPTION OF COMPONENT

The 'CV' range of breather drain plugs each comprise a hollow brass body that is threaded at one end to enable it to be fitted to the bottom of the associated 'Ex e' enclosure. The body contains a press fitted sintered disc that allows moisture pass out of the enclosure via two drain holes. These exit into the hexagonal socket, which shrouds the drain holes and provides a means of tightening the device.

The components have an ingress protection rating of IP 66 and are available with entry thread sizes between M20 and M32.

Design Options:

- An alternative body profile with three drain holes.
- The substitution of the sintered ring by a sintered disc of the same pore size; the sintered disc is pressed into the existing body.

Alternative materials of manufacture:

- Mild steel to BS 970:1983
- Stainless steel to BS 970:1983
- Aluminium bronze BS 1400:1985
- Aluminium to BS 1474:1987 (Not for Group I use)
- Glass filled nylon MDF2 900 (Not for Group I use)

Alternative threadforms in equivalent sizes:

- ET to BS 31:1979
- Pg to DIN 40430:1971
- BSPT to BS 21:1985
- BSPP to BS 2279:1985
- NPT to ANSI/ ASME B1.20.1 -1983

14 DESCRIPTIVE DOCUMENTS

| Drawing No. | Sheet | Rev. | Date | Title |
|-------------|--------|------|-----------|----------------------------|
| 811 | 1 of 1 | 2 | 07 May 02 | EEx e Breather Drain Plugs |

14.2 Report numbers R53M6821A, R53V9260A and R51A13665A

15 SPECIAL CONDITIONS FOR SAFE USE

15.1 The CV Breather Drain Plugs that are constructed of glass filled nylon shall only be used within the temperature range of -20°C to +65°C.

16 ESSENTIAL HEALTH AND SAFETY REQUIREMENTS OF ANNEX II (EHSRs)

The relevant EHSRs that are not addressed by the standards listed in this certificate have been identified and individually assessed in report numbers R53M6821A, R53V9260A and R51A13665A.

17 CONDITIONS OF CERTIFICATION

17.1 The use of this certificate is subject to the Regulations Applicable to Holders of Sira Certificates.

17.2 Holders of EC type-examination certificates are required to comply with the production control requirements defined in Article 8 of directive 94/9/EC.

17.3 The CV Breather Drain Plugs that are constructed of aluminium or glass filled nylon shall not be marked with any information that indicates that they are suitable for Group I use.

Date 23 October 2000

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