

(1) **EC TYPE EXAMINATION CERTIFICATE**

(2) **Component intended for use on/in equipment or protective system
intended for use in potentially explosive atmospheres
Directive 94/9/EC**

(3) EC type examination certificate number: **ISSeP00ATEX019U**

(4) Component: indicators lamps - type PL*-*

(5) Applicant – Manufacturer – ~~Authorized representative in the Community:~~

(6) Address: **JCE (EUROPE) Ltd
East way, Lee Mill Industrial Estate
Ivybridge, Devon PL 21 9LL**

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

(8) ISSeP, notified body n^o 492 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^o 99126.

(9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:
EN 50014:1997 + A1 et A2 & EN 50018:1994 & EN 50019:1994 & EN 50028:1987

(10) The symbol "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.

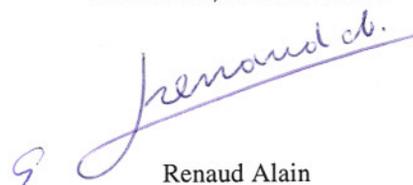
(11) This EC TYPE EXAMINATION CERTIFICATE relates only to the design, examination and tests of the specified component in accordance to the Directive 94/9/EC. Further requirements of this Directive may apply to the manufacturing process and supply of this component. These are not covered by this certificate.

(12) The marking of the component shall include the following indications:

 II 2 G EEx mde IIC

Colfontaine, the 11.12.2000

INSTITUT SCIENTIFIQUE DE SERVICE PUBLIC
Rue Grande, 60 - B7340 Colfontaine
Tél: ++ 32 65 610811 - Fax: ++ 32 65 610808


Renaud Alain
Manager of Colfontaine division

(13)

SCHEDULE

(14)

EC TYPE EXAMINATION CERTIFICATE N^R ISSeP00ATEX019U

(15) Description of the component:

Indicator lamps - PL * - * series

1= 230 VCA
2= 110 VCA
3= 24 VCA /CC

Colour of the lens

A= amber
G= green
R= red
W= white

This component is designed to be screwed to a certified housing.
This component is IP 66, except the external terminations.

Routine test

Each apparatus shall be submitted to the routine verifications and tests necessary to ensure that it complies with the specification submitted to the testing station with the prototype.

(16) Report n^r 99126 dated 8 December 2000 composed in total of 32 pages

The descriptive documents:

The drawing A3C-2930 issue 5 of 28.11.2000 (2 sheets)

The note of the manufacturer Ref. PL/0600 related to the indicator lamps (2 pages)

The technical notes from Bayer Ref. ATI 8025d,e of 30.09.1998 (15 pages) and ATI 145d,e of 01.06.1995 (8 pages) related to the material Makrolon.

The data sheets (specifications) from the manufacturer of the material QUESTRA EA 522 (3 pages)

A data sheet of Greenfield Polymers Ltd related to the compound PC 5409

(17) Special conditions for safe use:

The connection facilities shall be located inside a flameproof or increased safety housing
The temperature reached at the connection facilities (terminals) can't exceed 80°C.

(18) Essential Health and Safety Requirements: none

VARIATION

EC TYPE EXAMINATION CERTIFICATE N° ISSeP00ATEX019U/1

(14) Component: Pilot light
PL* - * series

(15) Subject to the variation :
Machining of a groove on the pilot light in order to ensure the external seal by an o-ring instead of a flat gasket.

Marking: Unchanged

Routine tests: unchanged

(16) Report n° 06073 of 7.09.2006 (5 pages)
The drawing : A3C-2930 issue 6 of 5.06.2006 (sheet 1 of 2)

(17) Special conditions for safe use: unchanged

(18) Essential Health and Safety Requirements: covered by the standards listed at point 9 of the initial certificate and by the descriptive documents from the manufacturer.

Colfontaine, 11.09.2006.



Marcel Lambert,
Directeur

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This document may not be used without the original certificate