



IECEX Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.: IECEx NEM 14.0015X Issue No: 0 Certificate history:
Issue No. 0 (2014-11-06)

Status: **Current** Page 1 of 4

Date of Issue: **2014-11-06**

Applicant: **Moflash Signalling Ltd**
Unit 18 Klaxon Industrial Estate, Tyseley
Birmingham B11 2HA,
United Kingdom

Electrical Apparatus: **Manual Call Point CP 135 Series**
Optional accessory:

Type of Protection: **Ex d Flameproof Protection**

Marking:
Ex d IIB+H2 T4~T6 Gb.
Ex tb IIIC T135°C ~ T85°C (Tamb = -40 ° C ~+70 ° C)

Approved for issue on behalf of the IECEx
Certification Body:

Asle Kaastad

Position:

Certification Manager

Signature:
(for printed version)

Date:

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting the [Official IECEx Website](http://www.iecex.com).

Certificate issued by:

NEMKO
Gaustadelleen 30
Oslo N-0314
Norway





IECEX Certificate of Conformity

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Manufacturer: **Moflash Signalling Ltd**
Unit 18 Klaxon Industrial Estate, Tyseley
Birmingham B11 2HA
United Kingdom

Additional Manufacturing
location(s):

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended.

STANDARDS:

The electrical apparatus and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards:

IEC 60079-0 : 2011 Edition:6.0	Explosive atmospheres - Part 0: General requirements
IEC 60079-1 : 2007-04 Edition:6	Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
IEC 60079-31 : 2008 Edition:1	Explosive atmospheres – Part 31: Equipment dust ignition protection by enclosure "t"

*This Certificate **does not** indicate compliance with electrical safety and performance requirements other than those expressly included in the Standards listed above.*

TEST & ASSESSMENT REPORTS:

A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in

Test Report:

NO/NEM/ExTR14.0019/00 CN/CQM/ExTR13.0040/00

Quality Assessment Report:

GB/SIR/QAR14.0001/00



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

This report covers Manual Call Point type CP 135. It is cuboid structure, mainly consisting of an main body

and a cover , all made in GRP material. There is a connecting sleeve threaded into the cover. A

connecting rod passes through the connecting sleeve and forms an Ex Cylindrical joints from the outside to the inside of the enclosure. 2 LED's are installed in the lid by using cemented joint. There are micro

switches and a terminal row inside the housing. Details of the product please see the drawings with No

55080300000.

Designation
CP 135 Series

Electrical Ratings:
30V DC 6A, 250 VAC 11A .

Degree of Protection

IP66 .

Ambient Variations

Product	Ambient temperature	Marking
CP 135	Tamb=-40°C~+70°C	Ex d IIB+H2 T4 Gb. Ex tb IIIC T135°C IP66.



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Tamb=-40°C~+60°C

Ex d IIB+H2 T5 Gb.

Ex tb IIIC T100°C IP66.

Tamb=-40°C~+55°C

Ex d IIB+H2 T6 Gb.

Ex tb IIIC T85°C IP66.

Routine Test

A routine pressure test according to EN 60079-1 clause 16 shall be carried out on all enclosures with the following pressures

CP 135 1.1MPa

CONDITIONS OF CERTIFICATION: YES as shown below:

Repairs of the flameproof joints must be made in compliance with the structural specifications provided by the manufacturer. Repairs must not be made on the basis of values specified in tables 1 and 2 of EN/IEC 60079-1.