

BRE Global

UK Approved Body No. 0832

BRE Global Limited
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Certificate of UKCA approval constancy of performance 0832-UKCA-CPR-F0294

In compliance with the Construction Product Regulations 2020, UK Statutory Instruments 2020 No.1359 of Ministry of Housing, Communities and Local Government. This certificate applies to the construction product.

DC-9105E Conventional Reflective Beam Detector

(For full product details and conditions of use refer to appendix)

Placed on the market under the name or trademark of: and produced in the manufacturing plant(s):

Gulf Security Technology Co., Ltd
No 80 Changjiang East Road
QETDZ, Qinhuangdao
Hebei Province
066004
China

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This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standard(s)

EN 54-12: 2015 – Smoke detectors - Line detectors using an optical light beam

under system 1 for the performance set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure

the constancy of performance of the construction product.

This certificate was first issued on 25 January 2022 and will remain valid as long as neither the designated standard, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the approved product certification body.



P Halligan , Technical Manager

On behalf of BRE Global Limited

Date of First Issue: 25 January 2022

Issue Date: 25 January 2022

Issue Number: 01

To check the validity of this certificate, please contact us on +44 (0)333 321 8811 or email enquiries@breglobal.com

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APPENDIX to Certificate of constancy of performance: 0832-UKCA-CPR-F0294**DC-9105E Conventional Reflective Beam Detector****Notes:**

- 1) Meets the requirements of EN 54-12 at the following sensitivity settings:
 - Level 1 – 1.3 dB
 - Level 2 - 1.8 dB (factory default)
 - Level 3 – 2.3 dB
 - Level 4 – 2.8 dB (not EN 54-12: 2015 approved)

- 2) Suitable for use at the following separation ranges in each sensitivity level:
 - Span 1: 5 to 10 meters Short Path (1 x mirror reflector required with Non-Reflective Mask)
 - Span 2: 10 to 20 meters Short Path (1 x mirror reflector required)
 - Span 3: 20 to 40 meters Short Path (1 x mirror reflector required)
 - Span 4: 40 to 70 meters Normal Path (4 x mirror reflector required)
 - Span 5: (factory default) 70 to 100 meters Long Path (4 x mirror reflector required)

Accessories

BK-9105R Mounting Bracket
RF-9105R 1 x Mirror Reflector
RF-9105R 4 x Mirror Reflector
NRM-9105 Non-Reflective Mask



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