

BRE Global Ireland**Notified Body No. 2831**

BRE Global Assurance (Ireland) Limited
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Certificate of constancy of performance**2831-CPR-F4575**

In compliance with Regulation (EU) No. 305/2011 of the European Parliament and of the Council of 9th March 2011 (the Construction Products Regulation or CPR), this certificate applies to the construction product(s)

DI-9105E Intelligent Reflective Beam Detector

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

Placed on the market under the name or trade mark of:

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

and produced in the manufacturing plant(s):

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

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 harmonised standard, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.



P. Halligan, Certification Engineer

Date of First Issue: 25 January 2022

Date of Issue: 25 January 2022

On behalf of BRE Global Assurance (Ireland) Limited

Issue number 01

To check the validity of this certificate, please contact us on +353 (0) 18824344 or email enquiries@breglobalireland.ie

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APPENDIX to Certificate of constancy of performance: 2831-CPR-F4575

DI-9105E Intelligent 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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