

**EU Declaration of Conformity**  
**EMC Directive 2014/30/EU**  
**RoHS2 Directive 2011/65/EU**  
**ATEX Directive 2014/34/EU**



Product: The following products are covered by this DoC:

16521 UV/IR2 Exd Flame Detector  
16561 UV/IR2 SS Exd Flame Detector

Description: Flame detector – for use in fire detection and alarm systems

Manufacturer: FFE Ltd.,  
9 Hunting Gate,  
Hitchin,  
Hertfordshire,  
SG4 0TJ, U.K.

This declaration of conformity is issued under the sole responsibility of the manufacturer. We hereby declare that the FFE manufactured products identified above meet the requirements of the EMC Directive 2014/30/EU, RoHS2 Directive 2011/65/EU and ATEX Directive 2014/34/EU and therefore qualify for free movement within markets comprising the European Union (EU) and the European Economic Area (EEA), by application of the following standards:

- |                               |  |
|-------------------------------|--|
| EN 50130-4:2011+A1:2014       | Alarm systems - Part 4: Electromagnetic compatibility - Product family standard: Immunity requirements for components of fire, intruder and social alarm systems |
| EN 61000-6-3:2007<br>+A1:2011 | Electromagnetic compatibility (EMC). Generic standards. Emission standard for residential, commercial and light-industrial environments                          |
| EN 50581:2012                 | Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances                         |
| EN 60079-0:2012               | Explosive atmospheres. Equipment. General requirements   |
| EN 60079-1:2007               | Explosive atmospheres. Equipment protection by flameproof enclosures 'd'   |
| EN 60079-31:2009              | Explosive atmospheres. Equipment dust ignition protection by enclosures 't'  |

The flame detectors identified above achieve conformity to the ATEX directive through use of the apparatus-certified enclosure EMH29-03989 manufactured by JCE (Europe) Ltd, East Way, Lee Mill Industrial Estate, Ivybridge, Devon, PL21 9LL, UK

Relevant provisions fulfilled by the equipment:	II 2 G D EEx d IIC T6 IP66
Notified body responsible for Initial Type Testing:	ISSeP, Notified Body No. 0492
Notified Body responsible for ongoing production QA:	SIRA Certification Service, Chester, CH4 9JN, UK, Notified Body No. 0518
EC-Type Examination Certificate:	ISSeP03ATEX012X
Quality Assurance Notification:	SIRA01ATEX M088

For and on behalf of FFE Ltd:

Print Name: JACOB ANDELIN

Signed:   
Position: TECHNICAL DIRECTOR

Date: 9/11/16

9 Hunting Gate  
Hitchin  
Hertfordshire  
SG4 0TJ UK

T. +44 (0) 1462 444740  
F. +44 (0) 1462 444789  
E. sales@ffeuk.com  
W. www.ffeuk.com