



EU+UKCA Declaration of Conformity

Issued: January 1, 2023

We (manufacturer): Federal Signal Corporation
2645 Federal Signal Drive
University Park, IL 60484 U.S.A

declare under our sole responsibility that the following

Model: E1 Intercom
Type of Equipment: Digital Intercom System

To which this declaration is in conformity with the following standard(s)

ATEX

EN IEC 60079-0: 2018	Explosive atmospheres. Equipment general requirements
EN60079-1: 2014	Explosive atmospheres. Equipment protection by flameproof enclosure "d"
EN60079-11: 2012	Explosive atmospheres. Equipment protection by intrinsic safety "i"

LVD

EN 60950-1:2006+A12:2011 *(When used with Federal Signal ECHO 8-48 Controllers)*

Safety of information technology equipment

EMC

EN55022: 2006+A2:2010

(When used with Federal Signal ECHO 8-48 Controllers)

EN55024: 2010

ITE equipment - Radio disturbances characteristics - Limits and methods of measurement

EN61000-3-2: 2006+A2:2009

ITE equipment - Immunity characteristics - Limits and methods of measurement

EN61000-3-3: 2008

Electromagnetic compatibility - Limits for harmonic current emissions

Electromagnetic compatibility - Limitations of voltage fluctuations and flicker

and therefore conforms with EU and UK Directive requirements
of

Directive 2014/34/EU relating to equipment and protective systems intended for use in explosive atmospheres (ATEX),
Equipment and Protective Systems Intended for use in Potentially Explosive Atmospheres, Regulations 2016

and,

Directive 2014/35/EU relating to low voltage
The Electrical Equipment (Safety) Regulations 2016 (S.I. 2016/1101)

and,

Directive 2014/30/EU relating to the electromagnetic compatibility (EMC),
The Electromagnetic Compatibility Regulations 2016 (S.I. 2016/1091)

(ATEX) Certified by: UL International Demko. Certificate Number: DEMKO 13 ATEX 1213079X

(UKEX) Certified by: UL International (UK). Certificate Number: UL22UKEX2630X

Technical File maintained at: Federal Signal Corporation
2645 Federal Signal Drive
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I, the undersigned, herby declare that the products(s) specified above conform to the listed directive(s) and standard(s).

Sean Moloney

Date: 1/1/23

Sean Moloney

Principal Engineer
Federal Signal – Signaling Group