

EU+UK 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: 110, 114, and ES1 Series Loudspeakers and Sounders
Type of Equipment: Flameproof Loudspeakers and Sounders

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

ATEX

EN60079-0: 2006 Explosive atmospheres – Equipment General Requirements
EN60079-1: 2004 Explosive atmospheres – Equipment Protection by Flameproof Enclosure ‘d’

This equipment has been evaluated to EN50014 with a review against EN60079-0: 2006 and EN50018 with a review against EN60079-1: 2004 and found there were no changes which materially affected the state of technological progress with respect to the product. There are no significant differences relevant to the equipment mentioned in this declaration.

LVD

EN60065:2002 Audio, Video, and Similar Electronic Apparatus Safety Requirements

EMC

EN61000-6-1:2007 Generic Immunity for Residential, Commercial, and Light Industrial.
EN61000-6-2:2005 Generic Immunity Standard for Industrial Environments
EN61000-6-3:2007 Generic Emissions for Residential, Commercial, and Light Industrial
EN61000-6-4:2007 Generic Emissions Standard for Industrial Environments

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)

Certified by: SGS Fimko Oy, Helsinki, Finland
Certificate Numbers: 03ATEX0688X, 03ATEX0689X

Technical File maintained at: Federal Signal Corporation
University Park, IL 60484 U.S.A

I, the undersigned, hereby 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