



UK Declaration of Conformity

according to the UK Statutory Instruments

Electrical Equipment (Safety) 2016 No. 1101

Electromagnetic Compatibility 2016 No. 1091

RoHS 2012 No. 3032

The devices:

Manufacturer: **Pfannenber GmbH** Authorized Representative: **Pfannenber (UK) Ltd.**
Unit 6C, Aspen Court, Bessemer Way
Centurion Business Park
S60 1FB Templeborough, Rotherham, UK

Product: **Sounder**
 Type: **DS5-SIL, DS5-SIL-TAS, DS10-SIL, DS10-SIL-TAS**

were developed, designed and manufactured to comply with the above-mentioned UK Statutory Instruments, under the sole responsibility of:

Pfannenber GmbH
Werner-Witt-Str. 1
D-21035 Hamburg

Applied designated standards:

EN 60947-1 2007 + A1 2011 + A2 2014	Low-voltage switchgear and controlgear - Part 1 General rules
EN 60947-5-1 2017 + AC:2020-05	Low-voltage switchgear and controlgear - Part 5-1: Control circuit devices and switching elements - Electromechanical control circuit devices
EN 61000-6-2 2005 + AC 2005	Electromagnetic compatibility (EMC) - Part 6-2 Generic standards - Immunity for industrial environments
EN 61000-6-3 2007 + A1 2011+ AC:2012	Electromagnetic compatibility (EMC) - Part 6-3 Generic standards - Emission standard for residential, commercial and light-industrial environments
EN 50130-4.2011 + A1 2014	Alarm systems - Part 4 Electromagnetic compatibility - Product family standard Immunity requirements for components of fire, intruder, hold up, CCTV, access control and social alarm systems
EN IEC 63000 2018	Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

Other technical standards and specifications applied:

EN ISO 13849-1.2015	Safety of machinery - Safety-related parts of control systems - Part 1: General principles for design
EN ISO 13849-2 2012	Safety of machinery - Safety-related parts of control systems - Part 2: Validation
EN 61508-1 2010	Functional safety of electrical / electronic / programmable electronic safety-related systems - Part 1 General requirements
EN 61508-2 2010	Functional safety of electrical / electronic / programmable electronic safety-related systems - Part 2: Requirements for electrical / electronic / programmable electronic safety-related systems
EN 61508-3 2010	Functional safety of electrical / electronic / programmable electronic safety-related systems - Part 3 Software requirements
EN 61511-1:2017 + A1 2017	Functional safety - Safety instrumented systems for the process industry sector - Part 1 Framework, definitions, system, hardware and application programming Requirements

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