



Declaration of Conformity

according to the UK regulations

2016 No. 1101
2016 No. 1091
2012 No. 3032

The Electrical Equipment (Safety) Regulations 2016
The Electromagnetic Compatibility Regulations 2016
The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012

The devices:

Manufacturer: **Pfannenber GmbH**
Product: **Souder**
Type: **DS5-SIL, DS5-SIL-TAS, DS10-SIL, DS10-SIL-TAS**

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

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

The following designated standards were applicable:

EN 61000-6-2:2005 + AC:2005 Electromagnetic compatibility (EMC) - Part 6-2: Generic standards - Immunity for industrial environments
EN 61000-6-3:2007 + Electromagnetic compatibility (EMC) - Part 6-3: Generic standards - Emission standard for residential, commercial and light-Degrees of protection provided by enclosures (IP Code)
EN 60529:1991 + A1:2000 + Low-voltage switchgear and controlgear - Part 1: General rules
EN 60947-1:2007 + A1:2011 Low-voltage switchgear and controlgear - Part 5-1: Control circuit devices and switching elements - Electromechanical control
EN 60947-5-1:2017 Alarm systems - Part 4: Electromagnetic compatibility - Product family standard: Immunity requirements for components of
EN 50130-4:2011 + A1:2014 Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous
EN IEC 63000:2018

The following other technical specifications were applicable:

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
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,
EN 54-23:2010 Fire detection and fire alarm systems - Part 23: Fire alarm devices - Visual alarm devices

The manufacturer is in possession of the technical documentation, the installation/operation instruction is attached to the device. The safety references are to be considered. This explanation certifies the agreement with the guidelines mentioned. Year of affixing the UKCA-mark :21

Hamburg, September-21

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