Fidelix

EU Declaration of Conformity

Product:	multiLINK multi-purpose communication module
Order code:	MLINK, MLINK_R1, MLINK_R2, MLINK_R1M1, MLINK_M1, MLINK_M2, MLINK_POE, MLINK_R1P, MLINK_R2P, MLINK_R1M1P, MLINK_M1P, MLINK_M2P, MLINK_W, MLINK_WR1, MLINK_WR2, MLINK_WR1M1, MLINK_WM1, MLINK_WM2, MLINK_WP, MLINK_WR1P, MLINK_WR2P, MLINK_WR1M1P, MLINK_WM1P, MLINK_WM2P

This declaration of conformity is issued under the sole responsibility of the manufacturer.

We certify that the apparatus detailed above is in conformity with following directives:

- Electromagnetic Compatibility Directive 2014/30/EU
- RoHS Directive 2011/65/EU

by application of the following harmonised standards:

EN 55032:2012	Electromagnetic compatibility of multimedia equipment - Emission Requirements.
EN 55024:2010	Information technology equipment - Immunity characteristics - Limits and methods of measurement.
EN 61000-3-2:2014	Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions (equipment input current ≤16 A per phase).
EN 61000-3-3:2013	Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤16 A per phase and not subject to conditional connection.
EN61000-6-3:2007+A1:2011	Electromagnetic compatibility (EMC). Generic standards. Emission standard for residential, commercial and light-industrial environments.
EN50491-5-1:2010	General requirements for home and building electronic systems (HBES) and building automation and control systems (BACS). EMC requirements, conditions and test set-up.

EN50491-5-2:2010	General requirements for home and building electronic systems (HBES) and building automation and control systems (BACS). EMC requirements for HBES/BACS used in residential, commercial and light industry environment.
EN 50581:2012	Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substance.
Date of Issue:	7.12.2017
Signed:	Fidelix Oy

Jussi Rantanen
Vice Managing Director

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Fidelix

EU Declaration of Conformity

Product: FdxCompact Substation

Order code: FX-3000-C

This declaration of conformity is issued under the sole responsibility of the manufacturer.

We certify that the apparatus detailed above is in conformity with following directives:

- Electromagnetic Compatibility Directive 2014/30/EU
- RoHS Directive 2011/65/EU

If equipped with WiFi interface also following directive:

- Radio Equipment Directive (RED) 2014/53/EU

by application of the following harmonised standards:

EN 60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013	Information technology equipment. Safety. General requirements.
EN 62479:2010	Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz).
EN 301 489-1 V2.2.0	ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements; Harmonised Standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU and the essential requirements of article 6 of Directive 2014/30/EU.
EN 301 489-17 V3.2.0	ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 17: Specific conditions for Broadband Data Transmission Systems; Harmonised Standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU.
EN 55032:2012	Electromagnetic compatibility of multimedia equipment - Emission Requirements.
EN 55024:2010	Information technology equipment - Immunity characteristics - Limits and methods of measurement.
EN 61000-3-2:2014	Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions (equipment input current $\leq$16 A per phase).

EN 61000-3-3:2013	Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤16 A per phase and not subject to conditional connection.
EN61000-6-3:2007+A1:2011	Electromagnetic compatibility (EMC). Generic standards. Emission standard for residential, commercial and light-industrial environments.
EN50491-5-1:2010	General requirements for home and building electronic systems (HBES) and building automation and control systems (BACS). EMC requirements, conditions and test set-up.
EN50491-5-2:2010	General requirements for home and building electronic systems (HBES) and building automation and control systems (BACS). EMC requirements for HBES/BACS used in residential, commercial and light industry environment.
EN 300 328 V2.1.1 (2016-11)	Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU.
EN 50581:2012	Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substance.

Date of Issue: 22.9.2017

Signed: Fidelix Oy

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Fidelix

EU Declaration of Conformity

Product: FdxCompact Visio Graphical User Interface

Order code: VISIO-10-C, VISIO-15-C, VISIO-22-C

This declaration of conformity is issued under the sole responsibility of the manufacturer.

We certify that the apparatus detailed above is in conformity with following directives:

- Electromagnetic Compatibility Directive 2014/30/EU
- RoHS Directive 2011/65/EU
- Radio equipment and Telecommunications Terminal Equipment (R&TTE) Directive 1999/5/EC

by application of the following harmonised standards:

EN 60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013	Information technology equipment. Safety. General requirements.
EN 62311:2008	Assessment of electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (0 Hz - 300 GHz).
EN 301 489-1 V1.9.2	Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements.
EN 301 489-17 V2.2.1	Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment; Part 17: Specific conditions for Broadband Data Transmission Systems.
EN 55022:2010/AC:2011	Information technology equipment - Radio disturbance characteristics - Limits and methods of measurement.
EN 55024:2010	Information technology equipment - Immunity characteristics - Limits and methods of measurement.
EN 61000-3-2:2014	Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions (equipment input current ≤16 A per phase).

EN 61000-3-3:2013	Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤16 A per phase and not subject to conditional connection.
EN 300 328 V1.8.1	Electromagnetic compatibility and Radio spectrum Matters (ERM); Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive.
EN 62321-1:2013	Determination of certain substances in electrotechnical products. Introduction and overview.
Date of Issue:	14.8.2016
Signed:	Fidelix Oy

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EU Declaration of Conformity

Product:	FdxCompact modules
Order code:	DI-16-C, DO-8-C, AI-8-C, AO-8-C, DOOC-16-C, TRIAC-8-C

This declaration of conformity is issued under the sole responsibility of the manufacturer.

We certify that the apparatus detailed above is in conformity with following directives:

- Electromagnetic Compatibility Directive 2014/30/EU
- RoHS Directive 2011/65/EU

by application of the following harmonised standards:

EN 55032:2012	Electromagnetic compatibility of multimedia equipment - Emission Requirements.
EN 55024:2010	Information technology equipment - Immunity characteristics - Limits and methods of measurement.
EN 61000-3-2:2014	Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions (equipment input current ≤16 A per phase).
EN 61000-3-3:2013	Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤16 A per phase and not subject to conditional connection.
EN61000-6-3:2007+A1:2011	Electromagnetic compatibility (EMC). Generic standards. Emission standard for residential, commercial and light-industrial environments.
EN50491-5-1:2010	General requirements for home and building electronic systems (HBES) and building automation and control systems (BACS). EMC requirements, conditions and test set-up.
EN50491-5-2:2010	General requirements for home and building electronic systems (HBES) and building automation and control systems (BACS). EMC requirements for HBES/BACS used in residential, commercial and light industry environment.

EN 50581:2012	Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substance.
Date of Issue:	22.9.2017
Signed:	Fidelix Oy

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Fidelix

EC Declaration of Conformity

Product:	MULTI-24 programmable controller
Order code:	MULTI-24-R, MULTI-24-R-DIN

We certify that the apparatus detailed above is in conformity with the RoHS Directive 2011/65/EC by application of the following harmonised standards:

EN 50581:2012	Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substance

Date of Issue: 14.6.2016

Signed: Fidelix Oy

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Managing Director

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Fidelix

EC Declaration of Conformity

Product:	3,5" multifunctional display
Order code:	ROOM_DISPLAY_A, ROOM_DISPLAY_B, MULTI_DISPLAY

We certify that the apparatus detailed above is in conformity with the RoHS Directive 2011/65/EC by application of the following harmonised standards:

EN 50581:2012	Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substance

Date of Issue: 14.6.2016

Signed: Fidelix Oy

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Fidelix

EC Declaration of Conformity

Product:	3,5" multifunctional display
Order code:	ROOM_DISPLAY_A, ROOM_DISPLAY_B, MULTI_DISPLAY

We certify that the apparatus detailed above conforms to the protection requirements of the Electromagnetic Compatibility Directive 2004/108/EC by application of the following harmonised standards:

EN61000-6-3	Electromagnetic compatibility (EMC). Generic standards. Emission standard for residential, commercial and light-industrial environments
EN55022	Information technology equipment. Radio disturbance characteristics. Limits and methods of measurement
EN55024	Information technology equipment. Immunity characteristics. Limits and methods of measurement
EN61000-3-2	Electromagnetic compatibility (EMC). Limits. Limits for harmonic current emissions (equipment input current <= 16 A per phase)
EN61000-3-3	Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current <= 16 A per phase and not subject to conditional connection

Test Laboratory:	Eleforss Oy, Wahreninkatu 11 B, 30100 Forssa, Finland

Date of Issue:	27.1.2015
Signed:	Fidelix Oy

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Fidelix

EC Declaration of Conformity

Product:	MULTI-24 programmable controller
Order code:	MULTI-24-R, MULTI-24-R-DIN

We certify that the apparatus detailed above conforms to the protection requirements of the Electromagnetic Compatibility Directive 2004/108/EC and the Low Voltage Directive 2006/95/EC by application of the following harmonised standards:

EN61000-6-3	Electromagnetic compatibility (EMC). Generic standards. Emission standard for residential, commercial and light-industrial environments
EN55022	Information technology equipment. Radio disturbance characteristics. Limits and methods of measurement
EN55024	Information technology equipment. Immunity characteristics. Limits and methods of measurement
EN61000-3-2	Electromagnetic compatibility (EMC). Limits. Limits for harmonic current emissions (equipment input current <= 16 A per phase)
EN61000-3-3	Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current <= 16 A per phase and not subject to conditional connection
EN60950-1	Information technology equipment. Safety. General requirements.

Test Laboratory:	Eleforss Oy, Wahreninkatu 11 B, 30100 Forssa, Finland
Date of Issue:	27.1.2015
Signed:	Fidelix Oy

Jussi Rantanen
Managing Director

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Fidelix

EC Declaration of Conformity

Product:	3,5" multifunctional display
Order code:	ROOM_DISPLAY_A, ROOM_DISPLAY_B, MULTI_DISPLAY

We certify that the apparatus detailed above conforms to the protection requirements of the Electromagnetic Compatibility Directive 2004/108/EC by application of the following harmonised standards:

EN61000-6-3	Electromagnetic compatibility (EMC). Generic standards. Emission standard for residential, commercial and light-industrial environments
EN55022	Information technology equipment. Radio disturbance characteristics. Limits and methods of measurement
EN55024	Information technology equipment. Immunity characteristics. Limits and methods of measurement
EN61000-3-2	Electromagnetic compatibility (EMC). Limits. Limits for harmonic current emissions (equipment input current <= 16 A per phase)
EN61000-3-3	Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current <= 16 A per phase and not subject to conditional connection

Test Laboratory:	Eleforss Oy, Wahreninkatu 11 B, 30100 Forssa, Finland

Date of Issue:	27.1.2015
Signed:	Fidelix Oy

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Fidelix

EC Declaration of Conformity

Product:	Fidelix FX-TE temperature sensors
Order code:	FX-TED-NTC10, FX-TEW-NTC10, FX-TER-NTC10, FX-TER-NTC10P, FX-TER-NTC10PS

We certify that the apparatus detailed above is in conformity with the following EC directives:

Electromagnetic Compatibility Directive 2004/108/EC
RoHS Directive 2011/65/EC

Following harmonized standards have been applied:

EN61000-6-3:2007	Electromagnetic compatibility (EMC). Generic standards. Emission standard for residential, commercial and light-industrial environments
EN61000-6-2:2005	Electromagnetic compatibility (EMC) - Part 6-2: Generic standards - Immunity for industrial environments

Date of Issue: 15.1.2014

Signed: Fidelix Oy

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Managing Director

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VAT 1770269-0

Fidelix

EC Declaration of Conformity

Product:	FX-2030 Substation
Order code:	FX-2030-10,4", FX-2030-BASIC

We certify that the apparatus detailed above conforms to the protection requirements of the Electromagnetic Compatibility Directive 2004/108/EC by application of the following harmonised standards:

EN61000-6-3	Electromagnetic compatibility (EMC). Generic standards. Emission standard for residential, commercial and light-industrial environments
EN61000-6-2	Electromagnetic compatibility (EMC) - Part 6-2: Generic standards - Immunity for industrial environments
EN50130-4	Electromagnetic compatibility - Product family standard: Immunity requirements for components of fire, intruder and social alarm systems

Test Laboratory:	Nemko Oy, Perkkaantie 11, 02600 Espoo, Finland
Report Number:	232006
Date of Issue:	4.3.2013
Signed:	Fidelix Oy

Jussi Rantanen
Managing Director

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Fidelix

EC Declaration of Conformity

Product:	FX-2025 Substation and measurement modules
Order code:	FX-2025-10,4", FX-2025-BASIC, AI-8, COMBI-36

We certify that the apparatus detailed above conforms to the requirements of the storage application specified in EN12830 harmonised standard.

EN12830:1999	Temperature recorders for the transport, storage and distribution of chilled, frozen, deep-frozen/quick-frozen food and ice cream. Tests, performance, suitability.
Limitations:	Product is only suitable for storage applications, not for transportation units or vehicles.
Climatic environment:	A
Accuracy class:	1
Measuring range:	-30°C - 50°C

Date of Issue: 16.4.2010

Signed: Fidelix Oy

Tapani Spangar
Vice Managing Director

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VAT 1770269-0

Fidelix

EC Declaration of Conformity

Product:	External USB to RS485 converter
Order code:	FDX-USB_RS485_EXT

We certify that the apparatus detailed above conforms to the protection requirements of the Electromagnetic Compatibility Directive 2004/108/EY by application of the following harmonised standards:

EN61000-6-3	Electromagnetic compatibility (EMC). Generic standards. Emission standard for residential, commercial and light-industrial environments
EN55022	Information technology equipment. Radio disturbance characteristics. Limits and methods of measurement
EN55024	Information technology equipment. Immunity characteristics. Limits and methods of measurement
EN61000-3-2	Electromagnetic compatibility (EMC). Limits. Limits for harmonic current emissions (equipment input current <= 16 A per phase)
EN61000-3-3	Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current <= 16 A per phase and not subject to conditional connection
EN50130-4	Electromagnetic compatibility - Product family standard: Immunity requirements for components of fire, intruder and social alarm systems

Date of Issue: 18.9.2007

Signed: Fidelix Oy

Tapani Spangar
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Fidelix

EC Declaration of Conformity

Product:	FX-Net IO-Modules
Order code:	DO-8, DI-16, AI-8, AO-8, SI-8, COMBI-36, MULTI-16, DU-10

We certify that the apparatus detailed above conforms to the protection requirements of the Electromagnetic Compatibility Directive 2004/108/EC and the Low Voltage Directive 2006/95/EC by application of the following harmonised standards:

EN61000-6-3	Electromagnetic compatibility (EMC). Generic standards. Emission standard for residential, commercial and light-industrial environments
EN55022	Information technology equipment. Radio disturbance characteristics. Limits and methods of measurement
EN55024	Information technology equipment. Immunity characteristics. Limits and methods of measurement
EN61000-3-2	Electromagnetic compatibility (EMC). Limits. Limits for harmonic current emissions (equipment input current <= 16 A per phase)
EN61000-3-3	Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current <= 16 A per phase and not subject to conditional connection
EN50130-4	Electromagnetic compatibility - Product family standard: Immunity requirements for components of fire, intruder and social alarm systems
EN60950-1	Information technology equipment. Safety. General requirements.

Test Laboratory:	Nemko Oy, Perkkaantie 11, 02601 Espoo, Finland
Report Number:	90932 and 90933
Date of Issue:	18.9.2007

Signed: Fidelix Oy

Tapani Spangar
Managing Director

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VAT 1770269-0

Fidelix

EC Declaration of Conformity

Product:	FX-SPIDER-40 Substation
Order code:	FX-SPIDER-40

We certify that the apparatus detailed above conforms to the protection requirements of the Electromagnetic Compatibility Directive 2004/108/EC and the Low Voltage Directive 2006/95/EC by application of the following harmonised standards:

EN61000-6-3	Electromagnetic compatibility (EMC). Generic standards. Emission standard for residential, commercial and light-industrial environments
EN55022	Information technology equipment. Radio disturbance characteristics. Limits and methods of measurement
EN55024	Information technology equipment. Immunity characteristics. Limits and methods of measurement
EN61000-3-2	Electromagnetic compatibility (EMC). Limits. Limits for harmonic current emissions (equipment input current <= 16 A per phase)
EN61000-3-3	Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current <= 16 A per phase and not subject to conditional connection
EN50130-4	Electromagnetic compatibility - Product family standard: Immunity requirements for components of fire, intruder and social alarm systems
EN60950-1	Information technology equipment. Safety. General requirements.

Test Laboratory:	Nemko Oy, Perkkaantie 11, 02600 Espoo, Finland
Report Number:	120634 and 120636
Date of Issue:	7.4.2009
Signed:	Fidelix Oy

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Fidelix

EC Declaration of Conformity

Product:	FX-2025 Substation
Order code:	FX-2025-10,4", FX-2025-BASIC

We certify that the apparatus detailed above conforms to the protection requirements of the Electromagnetic Compatibility Directive 2004/108/EY by application of the following harmonised standards:

EN61000-6-3	Electromagnetic compatibility (EMC). Generic standards. Emission standard for residential, commercial and light-industrial environments
EN55022	Information technology equipment. Radio disturbance characteristics. Limits and methods of measurement
EN55024	Information technology equipment. Immunity characteristics. Limits and methods of measurement
EN61000-3-2	Electromagnetic compatibility (EMC). Limits. Limits for harmonic current emissions (equipment input current <= 16 A per phase)
EN61000-3-3	Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current <= 16 A per phase and not subject to conditional connection
EN50130-4	Electromagnetic compatibility - Product family standard: Immunity requirements for components of fire, intruder and social alarm systems

Test Laboratory:	Nemko Oy, Perkkaantie 11, 02600 Espoo, Finland
Report Number:	90932
Date of Issue:	18.9.2007
Signed:	Fidelix Oy

Tapani Spangar
Managing Director

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