EU Declaration of Conformity

Document No.: **100-100-229**

Manufacturer: **Moore Industries-International, Inc.**
16650 Schoenborn Street
North Hills, CA 91343-6196, U.S.A.

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

Object of the declaration: **PC Programmable Signal Isolator/Converter**

Model	Input	Output	Power	Option	Housing	Directive	Certificate No.
SIY	*****	*****	*****	*****	*****	**2014/30/EU**	**N/A**
SIY	*****	**4-20mA**	**10-30DC**	**-ISE**	**HPP**	**2014/34/EU**	**LCIE01ATEX6017X**
SIY	*****	**4-20mA**	**10-42DC**	**-NE**	**HPP**	**2014/34/EU**	**MII13ATEX0328X**
SIY	*****	*****	*****	*****	**LH2**E**	**2014/34/EU**	**ISSeP08ATEX033X**
SIY	*****	*****	*****	*****	*****	**2011/65/EU**	**N/A**

* Indicates any input, output, power, option and housing as stated in the product data sheet.
** Indicates any LH2 Enclosure with the 'E' suffix.

The object of the declaration described above is in conformity with the relevant Union harmonization legislation and certifies compliance with the indicated directives.

Provisions of the ATEX Directive fulfilled by the Equipment:

Certificate No.	Marking	Notified Body
LCIE01ATEX6017X	**II 2G EEx ib IIC T6**	**LCIE 0081**
MII13ATEX0328X	**II 3G Ex nA IIC T6 @ 60°C**	**See Additional Information**
ISSeP08ATEX033X	**II 2G Ex d IIC T6** **II 2D Ex tD A21 IP66 T85°C**	**ISSeP 0492**

The following harmonized standards and/or technical specifications have been applied:

Directive	**2014/30/EU**	**Electromagnetic Compatibility (EMC)**
Standard : Date	**EN 61326-1:2013**	**Electrical equipment for measurement, control and laboratory use**

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Directive	**2014/34/EU**	**Equipment and protective systems for potentially explosive atmospheres (ATEX)**
Standard : Date	**EN 60079-0:2006**	**Explosive atmospheres - Part 0: Equipment - General requirements**
	EN 60079-0:2009	**Explosive atmospheres - Part 0: Equipment - General requirements**
	EN 60079-1:2007	**Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures 'd'**
	EN 60079-15:2010	**Explosive atmospheres - Part 15: Equipment protection by type of protection 'n'**
	EN 61241-0:2006	**Electrical apparatus for use in the presence of combustible dust – Part 0: General requirements**
	EN 61241-1:2004	**Electrical apparatus for use in the presence of combustible dust – Part 1: Protection by enclosures 'tD'**
	EN 50014: 1997	**Electrical apparatus for potentially explosive atmospheres. General requirements**
	EN 50020: 1994	**Electrical apparatus for potentially explosive atmospheres. Intrinsic safety 'i'**

Directive	**2011/65/EU**	**Restriction of Hazardous Substances (RoHS)**
Commission Delegated Directive	**(EU) 2015/863**	**Amending Annex II to Directive 2011/65/EU of the European Parliament and of the Council as regards the list of restricted substances**
Standard : Date	**EN 50581:2012**	**Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances**

Moore Industries International declares that the model listed above, to the best of its knowledge, conforms to the European Union's Restriction of Hazardous Substances Directive 2011/65/EU and Amending Annex II (EU) 2015/863 and will carry the label shown to indicate that the ten restricted substances listed below are present within the specified maximum concentration value by weight in homogeneous materials.

Restricted Substance	Maximum Concentration Value (%)	Label
Cadmium (Cd)	0.01%	RoHS COMPLIANT
Lead (Pb)	0.1%	
Mercury (Hg)	0.1%	
Hexavalent Chromium (Cr[VI])	0.1%	
Polybrominated Biphenyls (PBB)	0.1%	
Polybrominated Diphenyl Ethers (PBDE)	0.1%	
Bis(2-ethylhexyl) phthalate (DEHP)	0.1%	
Butyl benzyl phthalate (BBP)	0.1%	
Dibutyl phthalate (DBP)	0.1%	
Diisobutyl phthalate (DIBP)	0.1%	

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Additional Information:

Conformity Assessment Procedure:
Internal Control of Product – ATEX Directive 2014/34/EU, Annex VIII (Module A).

Special Conditions of Use:
When installed as Category 3 equipment, the apparatus shall be mounted within a tool-secured enclosure which meets the requirements of EN 60079-0 and EN 60079-15 and is capable of accepting the applicable wiring methods specified in EN 60079-14. The enclosure shall, at a minimum, meet the requirements of IP54.
On installation, the apparatus shall be provided with supply transient protection external to the apparatus such that the voltage at the supply terminals of the apparatus does not exceed 119V peak or 119Vdc.

The COM port shall not be used in Hazardous Areas.

Signed for and on behalf of:

Deanna Esterwold, Quality Manager

North Hills, CA 19 July 2021
Place and date of issue

Notified Body for Quality Assurance:
Current: FM [Notified Body Number 2809] Approvals Europe Limited, 1 Georges Quay Plaza, Dublin, Ireland D02 E440.
Previous: FM [Notified Body Number 1725], 1 Windsor Dials, Windsor, Berkshire SL4 1 RS, UK.