

Declaration of Conformity

**Future Design Controls
P.O. Box 1196
Bridgeview, IL 60455**

Temperature / Process Controls, Paperless Recorders and Transmitters:

Future Design Controls, Inc. declare that the following products with the following model designation followed by cataloged matrix alphanumeric characters are in conformance to the CE specifications listed below:

Temperature & Process Control Models:

Analog Series: FDC-401, FDC-402, FDC-404, FDC-405, FDC-805, FDC-901, FDC-902 and FDC-905
9090 Series: FDC-9090
100-Series: FDC-4100, FDC-8100, FDC-9100, FDC-C91, FDC-C21 and FDC-B41.
300-Series: FDC-4300, FDC-8300, FDC-9300 and FDC-2500
L Series: FDC-L41 and FDC-L91
P Series: FDC-P41 and FDC-P91
C-Series: FDC-C22, FDCC42, FDC-C62, FDC-82, FDC-83, FDC-R22 and FDC-B62

Paperless Recorders: FDC-PR10, FDC-PR20, FDC-PR30
FDC-VR06 and FDC-VR18

Transmitter: FDC-RCS

Is herewith confirmed to comply with the requirements set out in the Council Directive on the Approximation of the Laws of the Member States relating to Electromagnetic Compatibility [2014/30/EU] and Low-voltage Directive [2014/35/EU]. For the evaluation regarding the Directives, the following standards were applied.

EMC:

EM 61326-1: 2013
COSPR11: 2009 +A1: 2010 [Group 1, Class A]
EN 61000-3-2; 2014 Class A
EN 61000-3-3: 2013

LVD:

EN 61010-1: 2010

MCT4 Temperature & Process Controller

Future Design Controls, Inc. declare that the following product with the following model designation followed by cataloged matrix alphanumeric characters are in conformance to the CE specifications listed below:

Models: MCT4

Is herewith confirmed to comply with the requirements set out in the Council Directive on the Approximation of the Laws of the Member States relating to Electromagnetic Compatibility [2014/30/EU] and Low-voltage Directive [2014/35/EU]. For the evaluation regarding the Directives, the following standards were applied.

EMC:

EM 61326-1: 2013
COSPR11: 2009 +A1: 2010 [Group 1, Class A]
EN 61000-3-2; 2014 Class A
EN 61000-3-3: 2013

Human Machine Interface (HMI):

Future Design Controls, Inc. declare that the following products with the following model designation followed by cataloged matrix alphanumeric characters are in conformance to the CE specifications listed below:

HMI Models:

FDC-450, FDC-730, FDC-750, FDC-1060 and FDC-1550

Is herewith confirmed to comply with the requirements set out in the Council Directive on the Approximation of the Laws of the Member States relating to Electromagnetic Compatibility [2014/30/EU] and Low-voltage Directive [2014/35/EU]. For the evaluation regarding the Directives, the following standards were applied.

EMC:

EM 61326-1: 2013
COSPR11: 2009 +A1: 2010 [Group 1, Class A]
EN 61000-3-2; 2014 Class A
EN 61000-3-3: 2013

LVD:

EN 61010-1: 2010

FDC-IO Modules and PC-E Gateway Converter

Future Design Controls, Inc. declare that the following products with the following model designation followed by cataloged matrix alphanumeric characters are in conformance to the CE specifications listed below:

Models:

IO-16DI, IO-16DO, IO-4RO, IO-8DIO, IO-8AII, IO-8AIV, IO-8AIIS, IO-8AIVS, IO-8TC, IO-8TCS, IO-6RTD, IO-DAIO, IO-8AOI, IO-8AOV and PC-e

Is herewith confirmed to comply with the requirements set out in the Council Directive on the Approximation of the Laws of the Member States relating to Electromagnetic Compatibility [2014/30/EU] and Low-voltage Directive [2014/35/EU]. For the evaluation regarding the Directives, the following standards were applied.

RoHS: 2011/65EU

Safety: IEC 60950

EMC:

IEC 61326-1: 2012
CISPR33: 2008
IEC 61000-4-2: 2008
IEC 61000-4-3: 2010
IEC 61000-4-4: 2012
IEC 61000-4-5: 2014
IEC 61000-4-6: 2013
IEC 61000-4-11: 2004

Network Adapter RS232-RS485 Converter

Future Design Controls, Inc. declare that the following products with the following model designation with models followed by cataloged matrix alphanumeric characters are in conformance to the CE specifications listed below:

Model:
SNA10A

Is herewith confirmed to comply with the requirements set out in the Council Directive on the Approximation of the Laws of the Member States relating to Electromagnetic Compatibility [2014/30/EU] and Low-voltage Directive [2014/35/EU]. For the evaluation regarding the Directives, the following standards were applied.

CE Specifications:
EMC: EN 61326
Safety: EN 61010-1

Strip Chart Recorder (CR06):

Future Design Controls, Inc. declare that the following products with the following model designation followed by cataloged matrix alphanumeric characters are in conformance to the CE specifications listed below:

Model: CR06

Is herewith confirmed to comply with the requirements set out in the Council Directive on the Approximation of the Laws of the Member States relating to Electromagnetic Compatibility and Low-voltage Directive. For the evaluation regarding the Directives, the following standards were applied.

EN 61010-1: 2010 (3rd)

DR5000 Circular Chart Recorder

Future Design Controls declare that the following DR5000 recorders are in compliance relating to Electromagnetic Compatibility

Is herewith confirmed to comply with the requirements set out in the Council Directive on the Approximation of the Laws of the Member States relating to Electromagnetic Compatibility (2004/108/EEC) and low-voltage Directive (2006/95/EEC). For evaluation regarding these directives the following standards were applied:

<u>Emission:</u>		<u>Immunity:</u>	
EN55011:	2010		
EN61000-3-2:	2009		
EN61000-3-3:	2013		
EN61000-4-2:	2009		
EN61000-4-3:	2006 + A1	IEC61000 -4-3:	2006 +A1:
	2008 +A2		2007 +A2
	2010		2010
EN61000-4-4:	2012		
EN61000-4-5:	2006		
EN61000-4-6:	2014		
EN6100-4-11	2010 Industrial	IEC61000-4-11	2010

Models: (x = any character shown in the part number matrix; the last two x's refer to non-cataloged special.)

DR5000-11xx-xxx-xx

DR5000-12xx-xxx-xx

Note: the last two digits are used for special features and on standard units are not shown.

FDC-200 & 600 Series Color Touch Screen (Obsolete)

Future Design Controls declares that the following FDC-200 & FDC-600 Series Color Touch Screen Computers are in compliance relating to Electromagnetic Compatibility. For evaluation regarding these directives the following standards were applied:

Models 2107i and 2110i (followed by cataloged matrix numbers):

EN55022: 2006, Class A	EN55024: 1998+A1: 2001+A2: 2003
EN61000-3-2: 2006	IEC 61000-4-2 Edition 1.2: 2001-04
EN61000-3-3: 1995+A1: 2005	IEC 61000-4-3 Edition 3.0: 2006
	IEC 61000-4-4: 2004
	IEC 61000-4-5 Edition 2.0: 2005
	IEC 61000-4-6 Edition 2.2: 2006
	IEC 61000-4-8: Edition 1.1: 2001-03
	IEC 61000-4-11 Second Edition: 2004-03

Model FDC-2010 (followed by cataloged matrix numbers)

EN55022: 1998+A1: 2000+A2: 2003	EN55024: 1998+A1: 2001+A2: 2003
EN61000-3-2: 2000	IEC 61000-4-2 Edition 1.2: 2001-04
EN61000-3-3: 1995+A1: 2005	IEC 61000-4-3 2002+A1: 2002
	IEC 61000-4-4: 2004
	IEC 61000-4-5 Edition 1.1: 2001-04
	IEC 61000-4-6 Edition 2.1: 2004-11
	IEC 61000-4-8: Edition 1.1: 2001-03
	IEC 61000-4-11 Second Edition: 2004-03

Date: July 19, 2019



Signature: _____

President
Future Design Controls, Inc.