

EC Declaration of Conformity

50097055 Issue A

PRODUCT:


Multi-Trend Data Recorder, TVMUGR Series
and
Mini-Trend Data Recorder, TVMIGR Series

MANUFACTURE:

Honeywell International Inc.
Honeywell Field Solutions
512 Virginia Drive
Fort Washington, PA 19034
United States of America

To which this declaration relates, is in conformity with the provisions of the European Community Directives, including the latest amendments as shown on the attached schedule.

Assumption of conformity is based on the application of the harmonized standards and when applicable and required, a European Community notified body certification, as shown in the attached schedule.



(Signature)

Owen Murphy
Product Safety and Approvals Engineer

1 April 2014

(Date)

Schedule

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Low Voltage Directive (LVD) (2006/ 95/ EC)

EN 61010-1: 2010 Safety requirements for electrical equipment for measurement, control and Laboratory use - Part 1: General requirements

Electromagnetic Compatibility Directive (EMC) (2004/108/EC)

EN 61326-1: 2013 Electrical equipment for measurement, control and laboratory use – EMC Requirements - Part 1: General Requirements

Summary of Tests Performed:

PORT	TEST	STANDARD	CRITERIA	RESULTS
AC Mains	Conducted Emissions	CISPR 11	0.15 to 0.5 MHz: 79 db 0.5 to 5.0 MHz: 73 db 5.0 to 30.0 MHz: 73 db	PASS
	Harmonics	EN 60555-2	Class A, Steady State	Pass
	Flicker	EN 61000-3-3	Test Mode A, Frequency Range 0-2 kHz	Pass
Enclosure	Radiated Emission	CISPR 11	Group1, Class A 30 – 230 MHz: 40 dB 230 – 1000 MHz: 47 dB	PASS
Enclosure	ESD Immunity	IEC61000-4-2	4KV Contact /8KV Air	PASS
	EM Field- RF Radiated Susceptibility	IEC61000-4-3	80 MHz to 1GHz 10 V/m 1.4 to 2 GHz 3 V/ m 2.0 to 2.7 GHz 1 V/ m	PASS
	50Hz/60Hz Magnetic Field Immunity	IEC 6100-4-8	30 A/m	PASS
Analog I/P; Analog O/P; Pulse I/P; Digital I/P- O/P Ethernet 485	Electrical Fast Transient (EFT) Immunity	IEC61000-4-4	+/- 1KV	PASS
	Surge Immunity	IEC61000-4-5	+/- 1 KV Line to Ground	PASS
	RF Conducted Susceptibility	IEC61000-4-6	150 kHz to 80 MHz 3V/ m	PASS



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PORT	TEST	STANDARD	CRITERIA	RESULTS
Power Port; Alarm O/P	Electrical Fast Transient (EFT) Immunity	IEC61000-4-4	+/- 2 KV	PASS
	Surge Immunity	IEC61000-4-5	+/- 1 KV Line to line +/- 2 KV Line to Ground	PASS
	RF Conducted Susceptibility	IEC61000-4-6	150 kHz to 80 MHz 3V/ m	PASS
	Voltage Dips and Interrupts	IEC61000-4-11	0.5 Cycles each polarity 100%	PASS