

# DECLARATION OF CONFORMITY

(CoolPoint Transmitter, Small)

Application of Council Directive(s): Directive 2004/108/EC of the European Parliament and of the Council of 15 December 2004 - The EMC Directive

Manufacturer's Name: Universal Flow Monitors Inc.  
Manufacturer's Address: 1755 East Nine Mile Road, P.O. Box 249, Hazel Park, MI 48030-0249, U.S.A.

Equipment Type/Environment: Transmitter for Vortex Shedding Flow Meter

Trade Name/Model No: CoolPoint Transmitter, Small (2-wire, 4-20 mA transmitter used in flow meters utilizing vortex shedding technology)

Year of Manufacture: 2011

## Standard(s) to which Conformity is Declared

| <b>Emissions Standards</b>  | <b>Pass / Fail / N/A</b> | <b>Comments</b> |
|---|--------------------------|-----------------|
| IEC 61000-6-4:2006<br>Generic Standards – Emission Standard for Industrial Environments | Pass                     |                 |
| CISPR 16-2-3 / CISPR 11<br>Radiated Emissions   | Pass                     |                 |
| CISPR 16-2-1 / CISPR 11<br>Conducted Emissions  | N/A                      | DC Only         |

| <b>Immunity Standards</b>   | <b>Pass / Fail / N/A</b> | <b>Comments</b>   |
|---|--------------------------|---|
| IEC 61000-6-2:2005<br>Generic Standards – Immunity for Industrial Environments          | Pass                     | No degradation in performance was observed during testing beyond a performance level as specified by the manufacturer |
| IEC 61000-4-2:<br>Electrostatic Discharge (ESD)   | Pass                     | Criterion A   |
| IEC 61000-4-3:<br>Radiated, Radio Frequency, Electromagnetic Field Immunity Test        | Pass                     | Criterion A with modification implemented   |
| IEC 61000-4-4:<br>Electrical Fast Transient/Burst Immunity Test (EFT)                   | Pass                     | Criterion A   |
| IEC 61000-4-5:<br>Surge Immunity Test (Mains)   | Pass                     | Criterion A   |
| IEC 61000-4-6:<br>Immunity to Conducted Disturbances, Induced by Radio Frequency Fields | Pass                     | Criterion A   |
| IEC 61000-4-8:<br>Power Frequency Magnetic Field Immunity Test                          | Pass                     | Criterion A   |
| IEC 61000-4-11:<br>Voltage Dips, Short Interruptions & Voltage Variations Immunity Test | N/A                      | DC Only   |

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## **Performance Criteria Applied**

4.1 Performance Criteria A – EUT continues to operate during and after the test

4.2 Performance Criteria B – EUT continues to operate after the test

4.3 Performance Criteria C – Temporary loss of function allowed, provided the function is self recoverable or can be restored by the operation of the controls

I, the undersigned, hereby declare that the equipment specified above conforms to the above Directive and Standards.

  
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Lars Rosaen, President

21 June 2011  
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Date