



EU Declaration of Conformity

EMC Directive 2014/30/EU - Electro Magnetic Compatibility

Manufacturer's Name: **ASHCROFT[®] INC.**
Manufacturer's Address: 250 East Main Street
Stratford, Connecticut 06614-5145

Product Description: **Pressure Transducer**
Model Codes: **G2**

Manufacturer's Quality System:  **ISO 9001: 2008 certificate No. 100118**
LRQA, Inc. Houston, Texas USA

Category of Equipment: **Category 1, SEP per article 4, paragraph 3**
Applicable EU Directives: **2014/68/EU Pressure Equipment Directive:**
Pressure ranges ≥ 200 bar (2900 psi) and volume < 100 ml.

Applicable Standards: **EMC Directive 2014/30/EU Electro Magnetic Compatibility**
IEC 61326-1 Ed. 2.0 Electrical equipment for measurement, control and laboratory use
4-20mA, 1-6V:

IEC 61326-2-3 Ed. 2.0 Table 101, Table 2

IEC 61000-4-2:2008 Electrostatic Discharge Immunity. Criteria B

± 4 kV Contact Discharge, ± 8 kV Air Discharge

IEC 61000-4-4:2004 Electrical Fast Transient / Burst Immunity. Criteria B

± 1 kV, 5/50ns, 5kHz, For I/O lines > 3 m

IEC 61000-4-5:2005 Surge Immunity. Criteria B

± 1 kV earth to screen over all I/O, Lines per EN 61326-2-3:2006-07

Additional tests on 0-5V, 0-10V:

IEC 61000-4-3:2006 Radiated Electromagnetic Field Immunity

10 V/m, (80MHz to 1GHz), 3 V/m, (1.4GHz to 2GHz) Table BB.2

1 V/m, (2GHz to 2.7GHz), 1kHz 80% AM Modulated Table BB.2

IEC 61000-4-6:2008 Conducted RF Immunity

3V (150 kHz to 80 MHz) 1kHz AM Modulated 80% applied to shielded cable via EM clamp. Table BB.2



2011/65/EU Directive Restriction of Hazardous Substances (RoHS 2),

Ashcroft Inc. manufactures "industrial monitoring and control instruments" (category 9 per Annex 1) which comply with (RoHS 2) per Article 4 paragraph 3. Additionally, this product may qualify for exemptions if used as part of a large scale fixed installation, large scale industrial tool, or for research and development per Article 2 paragraph 4.

Statement of Conformity: The product specified above complies with applicable EU directive referenced, including the application of sound engineering practice.
The product is CE marked.

Philip A. Reed - Manager, Quality Assurance

on

April 26, 2016

Date of Issue

If there are any questions concerning this Certificate, please FAX them to: 203-385-0662, QA Department.