

EU Declaration of Conformity

We, the manufacturer, **Dynisco Instruments LLC, 38 Forge Parkway, Franklin, MA 02038 USA** declare under our sole responsibility that the product:

Product Series: Vertex Pressure Sensors

Partial Type Designation: VERT (Vertex)

**where an asterisk "*" represents any letter, number, or character
where partial type designation above represents the first 4
characters of the full type designation**

to which this declaration relates, is in conformity with the standards or other normative documents following the provisions of the respective European Union Directives listed below:

EMC Directive 2014/30/EU – Electromagnetic Compatibility

Type Designations with Analog Output Code "MA4" (4-20 mA Pressure) and Electrical Connection Code "*W" or "***C" (welded electronics shell)**

Type Designations with Analog Output Code "MPT" (4-20 mA Pressure & Temperature)

Type Designations with Digital Communications Code "HT1" (HART)

Type Designations with Analog Output Code "VT*" (VDC Pressure)

EN 61326-1:2013 / IEC 61326-1:2012

IEC 61000-4-2:2008 Electrostatic Discharge Immunity

IEC 61000-4-3:2010 Radiated, Radio-Frequency, Electromagnetic Field Immunity

IEC 61000-4-4:2012 Electrical Fast Transient/Burst Immunity

IEC 61000-4-5:2005 Surge Immunity

IEC 61000-4-6:2013 Radio Frequency Fields Induced Conducted Disturbances Immunity

IEC 61000-4-8:2009 Power Frequency Magnetic Field Immunity

Type Designations with Analog Output Code "MV3" (3.33 mV/V Pressure)

EN 61326-1:2006 + CRG:2011 / IEC 61326-1:2005

IEC 61000-4-2:2001 Electrostatic Discharge Immunity

IEC 61000-4-3:2010 Radiated, Radio-Frequency, Electromagnetic Field Immunity

IEC 61000-4-4:2012 Electrical Fast Transient/Burst Immunity

IEC 61000-4-5:2001 Surge Immunity

IEC 61000-4-6:2008 Radio Frequency Fields Induced Conducted Disturbances Immunity

IEC 61000-4-8:1994 Power Frequency Magnetic Field Immunity

Type Designations with Analog Output Code "MA4" (4-20mA Pressure) and Digital Communications Code "NDC" (no digital communications) and Electrical Connection Code "*N" (o-ring electronics shell)**

EN 61326-1:2006 / IEC 61326-1:2005

IEC 61000-4-2:2001 Electrostatic Discharge Immunity

IEC 61000-4-3:2002 Radiated, Radio-Frequency, Electromagnetic Field Immunity

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

IEC 61000-4-5:2001 Surge Immunity

IEC 61000-4-6:2003 Radio Frequency Fields Induced Conducted Disturbances Immunity

IEC 61000-4-8:1994 Power Frequency Magnetic Field Immunity

PED Directive 2014/68/EU – Pressure Equipment

All Type Designations

These Type Designations fall outside the scope of the PED directive and therefore the PED directive shall not apply.

Per the PED directive article 2, number (5); pressure equipment must have "a pressure bearing housing",

which is compellingly related to an identifiable pressure chamber.

ATEX Directive 2014/34/EU – Potentially Explosive Atmospheres

Type Designations with Compliance Code "ISE" (Intrinsically Safe ATEX, EU)

The declared products described above are in conformity with the relevant Union harmonization legislation. Fulfillment of the essential health and safety requirements set out in Annex II has been demonstrated by compliance with:

Current Harmonized Standards

BS EN IEC 60079-0:2018	General requirements
EN 60079-11:2012	Intrinsic safety "i"

The current harmonized standards have been compared to the superseded standards listed on the EC-type-Examination Certificate (superseded standards listed below) and no changes in the "state of the art" apply to the equipment. Annual Gap Analysis Report P/N 973004. See below for specific standard gap analysis reports.

Superseded Standards listed on the EU-Type-Examination Certificate

EN 60079-0:2012+A11:2013 General requirements (gap analysis P/N 975361)

Equipment Group II Category 1 G Ex ia IIC T3...T4...T6 Ga

EU-Type Examination Certificate Number: DEMKO 15 ATEX 1369X Rev. 2

ATEX Notified Body for EU Type Examination Certificate:

UL International Demko A/S (DEMKO)
Borupvang 5A
2750 Ballerup, Denmark
Notified Body Number: 0539

ATEX Notified Body involved in the Production Control Stage:

CSA Group Netherlands B.V. (CSA)
Utrechtseweg 310 (B42)
6812AR Arnhem, Netherlands
Notified Body Number: 2813

Authorized Representative established within the Community:

Dynisco Europe GmbH
Pfaffenstr. 21
74078 Heilbronn, Germany

Other information:

1. Device testing per normative standards following the EMC Directive (2014/30/EU) was conducted by: Chomerics Test Services, Woburn, Massachusetts, USA / 16 November 2012 / 21 February 2014 / 24 March 2015 / American Association for Laboratory Accreditation (A2LA) accredited facility, Certificate Number 1980.01

Date of issue: 05 March 2021
Place of issue: Franklin, MA USA



John Czazasty
Vice President of Engineering