Dynisco

EU Declaration of Conformity

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

Product Series: SPX GEN2, SPX-T & SPX-L Pressure Transmitters
Partial Type Designations: 2* (SPX2 GEN2)**
3* (SPX-T)**
4* (SPX4 GEN2)**
5* (SPX-L)**
where an asterisk "*" represents any letter, number, or character where partial type designations above represents the first 4 characters of the full type designation

to which this declaration relates, are 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

All Type Designations
EN 61326-1:2013 (IEC 61326-1:2012)
CISPR 11:2009+A1:2010 Radiated Electromagnetic Emissions
IEC 61000-4-2:2008 Electrostatic Discharge Immunity
IEC 61000-4-3:2010 Radiated Electromagnetic Field Immunity
IEC 61000-4-4:2012 Electric Fast Transient Burst Immunity
IEC 61000-4-5:2005 Surge Immunity
IEC 61000-4-6:2008 Radio Frequency Common Mode Immunity

PED Directive 2014/68/EU – Pressure Equipment

Partial Type Designations 228* and 538* with:
Pressure Range Code less than or equal to "20" (200 Bar/3000 psi)
Sound Engineering Practice (SEP) applies.

Partial Type Designations 228* and 538* with:
Pressure Range Code greater than "20" (200 Bar/3000 psi)
Conformity Assessment Module "A" applies.

All other Type Designations
These models 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

Partial Type Designations 2*, 3***, 4*** & 5*** with:**
Hazardous Area Classification Code "S" (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"
EN 60079-26:2015 Equipment with equipment protection level (EPL) Ga
EN 1127-1:2019 Explosion prevention and protection. Basic concepts and methodology

P/N 973002 ECO# 51286 Rev. M

The current harmonized standards have been compared to the superseded standards listed on the EC-type-Examination Certificate (listed below) and no changes in the "state of the art" apply to the equipment. Annual Gap Analysis Report P/N 973003. See below for specific standard gap analysis reports.

Superseded Standards listed on the EU-Type-Examination Certificate
EN 60079-0:2012+A11:2013 (gap analysis P/N 975356)
EN 1127-1:2011 (gap analysis P/N 975357)

Equipment Group II, Category 1 G Ex ia IIC T6/T4 Ga or Category 2 G Ex ia IIC T6/T4 Gb

EU-Type-Examination Certificate Number.: PTB 09 ATEX 2038 X Issue: 1

ATEX Notified Body for EU Type Examination Certificate:
Konformitätsbewertungsstelle der Physikalisch-Technischen Bundesanstalt (PTB)
Bundesallee 100
38116 Braunschweig, Germany
Notified Body Number: 0102

ATEX Notified Body involved in the Production Control Stage:
CSA Group Netherlands B.V. (CSA)
Utrechtseweg 310 (B42)
6812AR Arhhem, Netherlands
Notified Body Number: 2813

ATEX Directive 2014/34/EU – Potentially Explosive Atmospheres

Partial Type Designations 2* and 5*** with:**
Hazardous Area Classification Code "W" (Intrinsically Safe & Dust ignition protection by enclosure 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"
EN 60079-26:2015 Equipment with equipment protection level (EPL) Ga
EN 1127-1:2019 Explosion prevention and protection. Basic concepts and methodology
EN 60079-31:2014 Equipment dust ignition protection by enclosure "t"

The current harmonized standards have been compared to the superseded standards listed on the EC-type-Examination Certificate (listed below) and no changes in the "state of the art" apply to the equipment. Annual Gap Analysis Report P/N 973003. See below for specific standard gap analysis reports.

Superseded Standards listed on the EU-Type-Examination Certificate
EN 60079-0:2012+A11:2013 (gap analysis P/N 975356)
EN 1127-1:2011 (gap analysis P/N 975357)

Equipment Group II, Category 3 G Ex ia IIC T4 Gc and Category 3 D Ex tc IIIC T100ºC Dc

EU-Type-Examination Certificate Number.: PTB 09 ATEX 2038 X, Issue: 1

ATEX Notified Body for EU Type Examination Certificate:
Konformitätsbewertungsstelle der Physikalisch-Technischen Bundesanstalt (PTB)
Bundesallee 100
38116 Braunschweig, Germany
Notified Body Number: 0102

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CE

ATEX Notified Body involved in the Production Control Stage:
CSA Group Netherlands B.V. (CSA)
Utrechtseweg 310 (B42)
6812AR Arhhem, Netherlands
Notified Body Number: 2813

ATEX Directive 2014/34/EU – Potentially Explosive Atmospheres

Partial Type Designations 2* and 5*** with:**
Hazardous Area Classification Code "T" (Dust ignition protection by enclosure 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 60079-31:2014 Equipment dust ignition protection by enclosure "t"

The current harmonized standards have been compared to the superseded standards listed in the SPX Dust ATEX tc technical file (P/N 974140) and no changes in the "state of the art" apply to the equipment. Annual Gap Analysis Report P/N 973003. See below for specific standard gap analysis reports.

Superseded Standards listed in the SPX Dust ATEX tc technical file
EN 60079-0:2012+A11:2013 (gap analysis P/N 975356)

Equipment Group II, Category 3 D Ex tc IIIC T100ºC Dc

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 / 24-26 June 2013 / American Association for Laboratory Accreditation (A2LA) accredited facility, Certificate Number 1980.01.

2. Dust ignition protection by enclosure device testing and documentation per normative standards following Annex VIII of the ATEX Directive (2014/34/EU) were conducted and prepared by the manufacturer, Dynisco Instruments LLC / January 2018.

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John Czazasty
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