

# CERTIFICATE OF COMPLIANCE

**Certificate Number** E184741  
**Report Reference** E184741-2008-02-26  
**Date** 2023-March-27

**Issued to:** Pepperl+Fuchs SE  
Lilienthalstrasse 200  
Mannheim 68307 DE

**This is to certify that  
representative samples of**

PURGING AND PRESSURIZING CONTROLS AND  
ACCESSORIES FOR USE IN HAZARDOUS LOCATIONS  
See Addendum Page for Product Designation(s).

Have been evaluated by UL in accordance with the  
Standard(s) indicated on this Certificate.


**Standard(s) for Safety:** See Addendum Page for Standards.

**Additional Information:** See the UL Online Certifications Directory at  
<https://iq.ulprospector.com> for additional information

This Certificate of Compliance indicates that representative samples of the product described in the certification report have met the requirements for UL certification. It does not provide authorization to apply the UL Mark. Only the Authorization Page that references the Follow-Up Services Procedure for ongoing surveillance provides authorization to apply the UL Mark.

Only those products bearing the UL Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Certification Mark on the product.

  
Deborah Jennings-Conner, VP Regulatory Services

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This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements

Class I, Division 1, Groups A, B, C and D Hazardous Locations

1. Purge and Pressurization Control System Component Kit, Model 6000, followed by EXKIT followed by AC or DC, followed by XX, where XX can be any 2 alpha-numeric combination, may be followed by "blank" or GO. Device provides intrinsically safe circuits for use in Class I, Groups A, B, C and D; Class II, Division 1, Groups E, F and G; Class III Hazardous Locations when installed per Control Drawing No. 116-B027 Issue A.

a. When provided with Model 6000-TEMP-01 Temperature Hub, intrinsically safe for use in Class I, Groups A, B, C, D and provides intrinsically safe connections for use in Class I, Groups A, B, C, D; Class II, Groups E, F, G; and Class III when installed per Control Drawing No. 116-B027 Issue A.

b. When provided with the optional I.S. Termination Board DIN mounted, Model 6000-ISB-XX, intrinsically safe connections for use in Class I, Groups A, B, C, D; Class II, Groups E, F, G; and Class III Class I, Div. 1, Groups A, B, C, D when installed per 116-B027 Issue A.

c. When provided with User Interface 6000-UIC-xx, may be followed by additional numbers or letters, intrinsically safe when installed per Control Drawing No. 116-B027 Issue A.

d. Provided with Model EPV-6000-xx-xx Relief Vent, may be followed by additional numbers or letters, intrinsically safe when installed per Control Drawing No. 116-B027 Issue A.

e. May be provided with up to three Model 6000-TSEN-01 Temperature Sensors intrinsically safe when installed per Control Drawing No. 116-B027 Issue A.

f. May be provided with Manifold 6000-MAN-DV-xx, may be followed by additional numbers or letters, intrinsically safe when installed per Control Drawing No. 116-B027 Issue A.

Class I, Division 1, Groups A, B, C and D; Class II, Division 1, Groups E, F and G; Class III Hazardous Locations

2. Purge and Pressurization Control System, Model 6000, followed by NV or DV followed by S2, followed by UN or 4AN, followed by WH, CK or XX, where XX can be any 2 alpha-numeric combination, followed by AC or DC. Device provides intrinsically safe circuits for use in Class I, Groups A, B, C, and D; Class II, Division 1, Groups E, F and G; Class III Hazardous Locations when installed per Control Drawing No. 116-B027 Issue A.

a. When provided with Model 6000-TEMP-01 Temperature Hub in a certified Class II, Division 1, Groups E, F and G; Class III Hazardous Locations enclosure, intrinsically safe for use in Class I, Groups A, B, C, D; Class II, Groups E, F, G; and Class III and provides intrinsically safe connections for use in Class I, Groups A, B, C, D; Class II, Groups E, F, G; and Class III when installed per Control Drawing No. 116-B027 Issue A.

b. When provided with the optional I.S. Termination Board DIN mounted, Model 6000-ISB-XX, in a certified Class II, Division 1, Groups E, F and G; Class III Hazardous Locations enclosure, intrinsically safe Class I, Div. 1, Groups A, B, C, D; Class II, Groups E, F, G; and Class III when installed per 116-B027 Issue A.

c. When provided with User Interface 6000-UIC-xx, may be followed by additional numbers or letters, in a certified Class II, Division 1, Groups E, F and G; Class III Hazardous Locations enclosure

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intrinsically safe for use in Class I, Groups A, B, C and D; Class II, Groups E, F, G; and Class III when installed per Control Drawing No. 116-B027 Issue A.

- d. Provided with Model EPV-6000-xx-xx Relief Vent, may be followed by additional numbers or letters, intrinsically safe when installed per Control Drawing No. 116-B027 Issue A.
- e. May be provided with up to three Model 6000-TSEN-01 Temperature Sensors intrinsically safe Class I, Groups A, B, C, D and Class II, Groups E, F, G; and Class III when installed per Control Drawing No. 116-B027 Issue A.
- f. May be provided with Manifold 6000-MAN-DV-xx, may be followed by additional numbers or letters, intrinsically safe when installed per Control Drawing No. 116-B027 Issue A.

3. Purge and Pressurization Control System Component Kit, Model 6000, followed by EXKIT followed by AC or DC, followed by XX, where XX can be any 2 alpha-numeric combination, may be followed

by GD. Device provides intrinsically safe circuits for use in Class I, Groups A, B, C and D; Class II, Division 1, Groups E, F and G; Class III Hazardous Locations when installed per Control Drawing No. 116-B027 Issue A.

- a. When provided with Model 6000-TEMP-01 Temperature Hub in a certified Class II, Division 1, Groups E, F and G; Class III Hazardous Locations enclosure, intrinsically safe for use in Class I, Groups A, B, C, D; Class II, Groups E, F, G; and Class III and provides intrinsically safe connections for use in Class I, Groups A, B, C, D; Class II, Groups E, F, G; and Class III when installed per Control Drawing No. 116-B027 Issue A.
- b. When provided with the optional I.S. Termination Board DIN mounted, Model 6000-ISB-XX, in a certified Class II, Division 1, Groups E, F and G; Class III Hazardous Locations, intrinsically safe Class I, Div. 1, Groups A, B, C, D; Class II, Groups E, F, G; and Class III when installed per 116-B027 Issue A.
- c. When provided with User Interface 6000-UIC-xx, may be followed by additional numbers or letters, in a certified Class II, Division 1, Groups E, F and G; Class III Hazardous Locations enclosure, intrinsically safe for use in Class I, Groups A, B, C and D; Class II, Groups E, F, G; and Class III when installed per Control Drawing No. 116-B027 Issue A.
- d. Provided with Model EPV-6000-xx-xx Relief Vent, may be followed by additional numbers or letters, intrinsically safe when installed per Control Drawing No. 116-B027 Issue A.
- e. May be provided with up to three Model 6000-TSEN-01 Temperature Sensors intrinsically safe Class I, Groups A, B, C, D and Class II, Groups E, F, G; and Class III when installed per Control Drawing No. 116-B027 Issue A.
- f. May be provided with Manifold 6000-MAN-DV-xx, may be followed by additional numbers or letters, intrinsically safe when installed per Control Drawing No. 116-B027 Issue A.

4. Accessory Enclosure, Model 6000, followed by DPE followed by XX, where XX can be any 2 alpha-numeric combination, followed by XXXX, where XXXX can be any 4 alpha-numeric combination.

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Ex db ib [ib Gb][pxb Gb] IIC T4 Gb Hazardous Locations

1. Purge and Pressurization Control System Component Kit, Model 6000, followed by EXKIT followed by AC or DC, followed by XX, where XX can be any 2 alpha-numeric combination, may be followed by “blank” or GO. Device provides intrinsically safe circuits for use in Class I, Zone 1, Group IIC; Class II, Zone 21 Hazardous Locations when installed per Control Drawing No. 116-B027 Issue A.
  - a. When provided with Model 6000-TEMP-01 Temperature Hub in a certified Class I, Zone 1, Group IIC; Class II, Zone 21 Group IIC Hazardous Locations enclosure and up to three Model 6000-TSEN-01 Temperature Sensors intrinsically safe when installed per Control Drawing No. 116-B027 Issue A.
  - b. When provided with the optional I.S. Termination Board DIN mounted, Model 6000-ISB-XX, in a certified Class I, Zone 1, Group IIC; Class II, Zone 21 Group IIC Hazardous Locations enclosure, intrinsically safe Class I, Zone 1, Group IIC; Class II, Zone 21 Group IIC when installed per 116-B027 Issue A.
  - c. When provided with User Interface 6000-UIC-xx, may be followed by additional numbers or letters, in a certified Class I, Zone 1, Group IIC; Class II, Zone 21 Group IIC Hazardous Locations enclosure intrinsically safe Class I, Zone 1, Group IIC; Class II, Zone 21 Group IIC when installed per Control Drawing No. 116-B027 Issue A.
  - d. Provided with Model EPV-6000-xx-xx Relief Vent, may be followed by additional numbers or letters, intrinsically safe when installed per Control Drawing No. 116-B027 Issue A.
  - e. May be provided with Manifold 6000-MAN-DV-xx, may be followed by additional numbers or letters, intrinsically safe when installed per Control Drawing No. 116-B027 Issue A.

Ex db ib [ib Gb][pxb Gb] IIC T4 Gb; Ex ib tb [ib Db][pxb Db] IIIC T60°C Db Hazardous Locations

2. Purge and Pressurization Control System, Model 6000, followed by NV or DV followed by S2, followed by UN or 4AN, followed by WH, CK or XX, where XX can be any 2 alpha-numeric combination, followed by AC or DC. Device provides intrinsically safe circuits for use in Class I, Zone 1, Group IIC; Class II, Zone 21 Group IIC Hazardous Locations when installed per Control Drawing No. 116-B027 Issue A.
  - a. When provided with Model 6000-TEMP-01 Temperature Hub in a certified Class I, Zone 1, Group IIC; Class II, Zone 21 Group IIC Hazardous Locations enclosure and up to three Model 6000-TSEN-01 Temperature Sensors intrinsically safe when installed per Control Drawing No. 116-B027 Issue A.
  - b. When provided with the optional I.S. Termination Board DIN mounted, Model 6000-ISB-XX, in a certified Class I, Zone 1, Group IIC; Class II, Zone 21 Group IIC Hazardous Locations enclosure, intrinsically safe Class I, Zone 1, Group IIC; Class II, Zone 21 Group IIC when installed per 116-B027 Issue A.
  - c. When provided with User Interface 6000-UIC-xx, may be followed by additional numbers or letters, in a certified Class I, Zone 1, Group IIC; Class II, Zone 21 Group IIC Hazardous Locations enclosure intrinsically safe Class I, Zone 1, Group IIC; Class II, Zone 21 Group IIC when installed per Control Drawing No. 116-B027 Issue A.
  - d. Provided with Model EPV-6000-xx-xx Relief Vent, may be followed by additional numbers or letters, intrinsically safe when installed per Control Drawing No. 116-B027 Issue A.
  - e. May be provided with Manifold 6000-MAN-DV-xx, may be followed by additional numbers or letters, intrinsically safe when installed per Control Drawing No. 116-B027 Issue A.

  
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Ex db [ib Gb][pxb Gb] IIC T4 Gb; Ex tb [ib Db][pxb Db] IIIC T80°C Db Hazardous Locations


3. Purge and Pressurization Control System Component Kit, Model 6000, followed by EXKIT followed by AC or DC, followed by XX, where XX can be any 2 alpha-numeric combination, may be followed by GO or GD. Device provides intrinsically safe circuits for use in Class I, Zone 1, Group IIC; Class II, Zone 21 Hazardous Locations when installed per Control Drawing No. 116-B027 Issue A
- a. When provided with Model 6000-TEMP-01 Temperature Hub in a certified Class I, Zone 1, Group IIC; Class II, Zone 21 Group IIIC Hazardous Locations enclosure and up to three Model 6000-TSEN-01 Temperature Sensors intrinsically safe when installed per Control Drawing No. 116-B027 Issue A.
  - b. When provided with the optional I.S. Termination Board DIN mounted, Model 6000-ISB-XX, in a certified Class I, Zone 1, Group IIC; Class II, Zone 21 Group IIIC Hazardous Locations enclosure, intrinsically safe Class I, Zone 1, Group IIC; Class II, Zone 21 Group IIIC when installed per 116-B027 Issue A.
  - c. When provided with User Interface 6000-UIC-xx, may be followed by additional numbers or letters, in a certified Class I, Zone 1, Group IIC; Class II, Zone 21 Group IIIC Hazardous Locations enclosure intrinsically safe Class I, Zone 1, Group IIC; Class II, Zone 21 Group IIIC when installed per Control Drawing No. 116-B027 Issue A.
  - d. Provided with Model EPV-6000-xx-xx Relief Vent, may be followed by additional numbers or letters, intrinsically safe when installed per Control Drawing No. 116-B027 Issue A.
  - e. May be provided with Manifold 6000-MAN-DV-xx, may be followed by additional numbers or letters, intrinsically safe when installed per Control Drawing No. 116-B027 Issue A.

Ex ib IIC T4 Gb; Ex ib IIIC T60°C Db Hazardous Locations

4. Accessory Enclosure, Model 6000, followed by DPE followed by XX, where XX can be any 2 alpha-numeric combination, followed by XXXX, where XXXX can be any 4 alpha-numeric combination.

## STANDARDS:

UL 508 STANDARD FOR INDUSTRIAL CONTROL EQUIPMENT  
CSA C22.2 NO. 14-18 INDUSTRIAL CONTROL EQUIPMENT  
UL 840 STANDARD FOR INSULATION COORDINATION INCLUDING CLEARANCES AND CREEPAGE DISTANCES FOR ELECTRICAL EQUIPMENT  
UL 50 ENCLOSURES FOR ELECTRICAL EQUIPMENT, NON-ENVIRONMENTAL CONSIDERATIONS  
UL 50E ENCLOSURES FOR ELECTRICAL EQUIPMENT, ENVIRONMENTAL CONSIDERATIONS  
CSA C22.2 No. 94.1 ENCLOSURES FOR ELECTRICAL EQUIPMENT, NON ENVIROMENTAL CONSIDERATIONS  
CSA C22.2 No. 94.2 ENCLOSURES FOR ELECTRICAL EQUIPMENT, ENVIRONMENTAL CONSIDERATIONS

  
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UL 913 STANDARD FOR INTRINSICALLY SAFE APPARATUS AND ASSOCIATED APPARATUS FOR USE IN CLASS I, II, III, DIVISION 1, HAZARDOUS (CLASSIFIED) LOCATIONS

UL 60079-0, Explosive Atmospheres - Part 0: Equipment - General Requirements

UL 60079-11, EXPLOSIVE ATMOSPHERES - PART 11: EQUIPMENT PROTECTION BY INTRINSIC SAFETY "I"

CSA C22.2 NO. 157-92 INTRINSICALLY SAFE AND NON-INCENDIVE EQUIPMENT FOR USE IN HAZARDOUS LOCATIONS- EDITION 3

CSA C22.2 NO. 60079-11:14 EXPLOSIVE ATMOSPHERES — PART 11: EQUIPMENT PROTECTION BY INTRINSIC SAFETY "I"

CSA C22.2 NO. 60079-0:19 EXPLOSIVE ATMOSPHERES - PART 0: EQUIPMENT - GENERAL REQUIREMENTS

CSA C22.2 NO. 60079-1, EXPLOSIVE ATMOSPHERES - PART 1: EQUIPMENT PROTECTION BY FLAMEPROOF ENCLOSURES "D"

CSA C22.2 NO. 60079-31, EXPLOSIVE ATMOSPHERES - PART 31: EQUIPMENT DUST IGNITION PROTECTION BY ENCLOSURE "T",

CSA C22.2 NO. 60079-2, EXPLOSIVE ATMOSPHERES - PART 2: EQUIPMENT PROTECTION BY PRESSURIZED ENCLOSURE "P",

UL 1203, EXPLOSIONPROOF AND DUST-IGNITIONPROOF ELECTRICAL EQUIPMENT FOR USE IN HAZARDOUS (CLASSIFIED) LOCATIONS,

CSA C22.2 NO. 30, EXPLOSION-PROOF ENCLOSURES FOR USE IN CLASS I HAZARDOUS LOCATIONS,

CSA C22.2 No. 25, Enclosures for Use in Class II Groups E, F, and G Hazardous Locations, NFPA 496, PURGED AND PRESSURIZED ENCLOSURES FOR ELECTRICAL EQUIPMENT

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