



防爆电气设备
Electrical Apparatus for Explosive Atmospheres

防爆合格证

CERTIFICATE OF CONFORMITY

编号: CNEx04.300X
Serial No.

制造单位 Manufacturer United Electric Controls Company.
180 Dexter Ave, PO Box 9143, Watertown MA 02472 USA

样品名称 Name of Product Pressure Switch

型号规格 Type of Product 120, 121 and 122

防爆标志 Marking ExdIICT6/DIP A21 T_A 85℃

产品标准 Standard

总装图号 Drawing No. B-62174-22, B-62174-23, B-62174-26

经对上述产品图样及技术文件的审查和样品的检验, 确认符合下列标准:
The drawings, technical documents and the samples are verified and certified according to standard(s) for safety as below:

- GB3836.1-2000 Electrical apparatus for explosive gas atmospheres—
Part 1: General requirements
- GB3836.2-2000 Electrical apparatus for explosive gas atmospheres—
Part 2: Flameproof enclosure "d"
- GB12476.1-2000 Electrical apparatus for use in the presence of combustible dust—
Part 1-1: Electrical apparatus protected by enclosures and surface temperature limitation —Specification for apparatus

记事 Note See the appendix

本证有效期 Valid Date April 2, 2004 to April 1, 2009

中心主任 Director



国家防爆电气产品质量监督检验中心
CHINA NATIONAL QUALITY SUPERVISION AND TEST
CENTRE FOR EXPLOSION PROTECTED ELECTRICAL PRODUCTS

颁发日期 Issue Date April 2, 2004





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1. This product has been certified by DEMKO and UL, DEMKO's Certificate No.: DEMKO 03ATEX0305048, UL's File No.: E40857

2. Nomenclature for Type 120, 121 and 122 Pressure Switches:

<u>Q</u>	<u>J</u>	<u>120</u>	<u>P</u>	<u>S164B</u>	<u>3000</u>	<u>XC007</u>	<u>12345</u>
I	II	III	IV	V	VI	VII	VIII

I. End-User Destination

None-International/Domestic

Q- International/Domestic, Internal Reference Only

II. Device Calibration

H - Calibrated With External Adjustment

J - Uncalibrated

III. Type Designation

120 - Single Snap Switch

121 - Single Snap Switch With External Adjustment

122 - Two Snap Switches With External Adjustment

IV. Sensing Method

None - Straight Vacuum or Gauge Pressure Sensing

K - Differential Pressure Sensing

P - Common Adjustment

V. Pressure Sensor Designation

Two to five character/digit alphanumeric code indicating one of the pressure sensor models shown in the relevant Certification Drawing.

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VI. Internal Snap Switch Designation

Four digit numeric code indicating one of the Internal Snap Switch models shown in the relevant Certification Drawing

VII. Miscellaneous Options

Four to five character/digit alphanumeric code not affecting electrical ratings or pressure ratings:

None – No option(s) employed

M210 – Mechanically operated pressure indicator

M430 – Cover lock option

M440 – Cover chain option

M540 – Viton diaphragm construction

M542 – AFLAS diaphragm construction

M550 – Alternate fitting

M913 – 1/4 in. NPT Stainless Steel pressure connection

M914 – 1/2 in. NPT Stainless Steel pressure connection

M915 – 1/4 in. NPT Monel pressure connection

M916 – 1/2 in. NPT Monel pressure connection

M917 – 1/4 in. NPT Hastelloy C pressure connection

M918 – 1/2 in NPT Hastelloy C pressure connection

M919 – 1/4 in NPT Aluminum pressure connection

M920 - 1/2 in NPT Aluminum pressure connection

XC001 – Aluminum pressure connection with Viton diaphragm and Viton o-ring

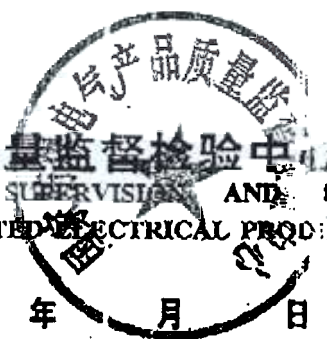
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- XC002 - Aluminum pressure connection with Kapton diaphragm and Buna-N o-ring
- XC003 - Aluminum pressure connection with Kapton diaphragm and Viton o-ring
- XC004 - 316L Stainless Steel pressure connection with 316L Stainless Steel diaphragm and Viton o-ring
- XC005 - 316L Stainless Steel pressure connections with Viton diaphragm and Viton o-ring
- XC006 - 316L Stainless Steel pressure connection with Kapton diaphragm and Viton o-ring
- XC007 - 316L Stainless Steel pressure connection with Teflon diaphragm and Viton o-ring

VIII. Customer Specification Number

Five character/digit alphanumeric code indicating pressure range and miscellaneous options; equivalent to a customer specification code.

3. Ambient Temperature: -40°C ~ + 75°C

4. Electrical parameters:

Supply power: 480 VAC max.

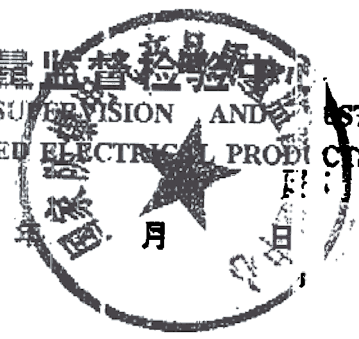
5. Installation Instructions

Provided with each unit indicating the connection of the device shall be made by cable entries or a stopping box if a flameproof type, certified Ex d IIC. These accessories shall be threaded into the relevant opening(s) of the device, with at least 5 threads engaged and with at least 8 mm length of thread engagement. These accessories are not included within this Certificate. Supply leadwires must be rated 75°C minimum

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