



# CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION

No.: 2022312304001506

**Applicant** Dwyer Instruments LLC  
**Address** 102 Indiana Highway 212, Michigan City, IN 46360, USA  
**Manufacturer** Dwyer Instruments LLC  
**Address** 102 Indiana Highway 212, Michigan City, IN 46360, USA  
**Production Factory** Dwyer Instruments LLC  
**Production Address** 250 Highgrove, Grandview MO 64030, USA  
**Product** Differential Pressure Switches  
**Model/Type** 1950G-\*-\*-\*  
**Ex marking** Ex db IIB+H<sub>2</sub> T6 Gb  
**Reference Standards** GB/T 3836.1-2021, GB/T 3836.2-2021

**Certification mode** Type Test + Initial Factory Inspection + Post-Certification Surveillance

The product(s) is verified and certified according to CNCA-C23-01: 2019 *China Compulsory Certification Implementation Rule on Explosion Protected Electrical Product* and CNEX-C2301-2019 *Guideline of China Compulsory Certification Implementation Rule on Explosion Protected Electrical Product*.

See Annex for the detailed product information (2 pages)

Initial issue date: 2022-10-26

Issued date: 2022-10-26

Valid to: 2027-10-25

The validity of this certificate is maintained through the regular supervision of the issuing authority during the validity period.

Where any discrepancy arises between the English translation and the original Chinese version, the Chinese version shall prevail.

Director:

穆大玉



Nanyang Explosion Protected Electrical  
Apparatus Research Institute Co.,Ltd.



中国认可  
产品  
PRODUCT  
CNAS C208-P

<http://www.ccc-cnex.com>  
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CN 0001390





# CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION (Annex)

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## Product information:

1. This certificate covers the following models:

- 1950G-\*-\*

Nomenclature:

|       |   |   |   |   |   |   |
|-------|---|---|---|---|---|---|
| 1950G | - | * | - | * | - | * |
| a     |   | b |   | c |   | d |

a: Basic Series Designation

1950G: 1950G Pressure Switch

b: Pressure Range Designation

00: 0.07~0.15In. WC

0: 0.15~0.5In. WC

1: 0.4~1.6In. WC

5: 1.4~5.5In. WC

10: 3~11In. WC

20: 4~20In. WC

c: Diaphragm and O-Ring Material Designation

B: Buna N

N: Neoprene

S: Silicone

V: Fluoroelastomer

F: Fluorosilicone

d: Input Voltage Supply

24: 24VDC

120: 120VAC

240: 240VAC

The ambient temperature of the Series 1950G Differential Pressure Switches is dependent upon the O-Ring/Diaphragm material used within the construction based on the table below.

| O-Ring/Diaphragm Material | ambient temperature |
|---------------------------|---------------------|
| Buna-N                    | -17℃~+60℃           |

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## (Annex)

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|                 |             |
|-----------------|-------------|
| Neoprene        |             |
| Silicone        | -40°C~+60°C |
| Fluorosilicone  |             |
| Fluoroelastomer | -1°C~+60°C  |

Supply: 24 Vdc, 120 Vac or 240 Vac  $\pm$  10%

Relay Contacts: 10A - 120/240 Vac, 28 Vdc

Resistive 50mA - 125 Vdc

Ex marking: Ex db IIB+H<sub>2</sub> T6 Gb

- Producers should organize production in accordance with the technical documents approved by the certification body.

2. Specific conditions of safety use:

- The cover bolts have a minimum property class of 10.9.
- Repairs to the flamepaths are only to be performed by Dwyer Instruments LLC.
- Before application, CCC certified Ex db IIC Gb cable gland (NPT1/2") must be applied, suitable for the conditions of use and correctly installed.
- See instruction for other information.

3. Certificate related report(s):

- Type test report: CQST2207C044
- Factory inspection report: CN2022Q010718

4. Certificate change information: None

Issued date: 2022-10-26

Director:

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