



CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION

No.: 2021312304001043

Applicant	Newson Gale Limited
Address	Omega House, Private Road 8, Colwick, Nottingham NG4 2JX, UK
Manufacturer	Newson Gale Limited
Address	Omega House, Private Road 8, Colwick, Nottingham NG4 2JX, UK
Production Factory	Newson Gale Limited
Production Address	Omega House, Private Road 8, Colwick, Nottingham NG4 2JX, UK
Product	Bond-Rite Remote
Model/Type	Bond-Rite Remote GRP / Bond-Rite Remote Stainless Steel
Ex marking	Ex ia IIC T4 Ga, Ex ta IIIC T135°C Da
Reference Standards	GB/T3836.1-2021, GB/T3836.4-2021, GB/T3836.31-2021

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 (3 pages).

Initial issue date: 2021-05-10

Issued date: 2023-04-29

Valid to: 2026-05-09

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:



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



<http://www.ccc-cnex.com>
ccc.china-ex.com

Add: No. 20, North Zhongjing Road, Nanyang, Henan, P. R. China P.C.: 473008
Tel: 0377-63239734 Email: ccc@cn-ex.com

CN 0001996



CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION (Annex)

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Product information:

1. This certificate covers the following models:

- Bond-Rite Remote GRP / Bond-Rite Remote Stainless Steel

The Bond-Rite Remote provides an intrinsically safe output to a clamp, which is connected to the equipment via a bonding cable. The Bond-Rite Remote provides an indication that the resistance between clamp and the plant to which it is attached is less than 10 ohms. Under these circumstances, an LED on the cover will be illuminated. A loop connection to earth also ensures that the item of plant is connected to earth.

The Bond-Rite Remote has two power options: it is either powered by an internal battery or is supplied from an external Newson Gale power supply unit (ER UPS). The safety description of the Bond-Rite Remote is as follows:

Power supply input (for units without the battery fitted)

Ui=9.0 Vdc	Uo=11.1V
Ci=0	Io=0.143A
Li=0	Po=0.26W
--	Co=0.9μF
--	Lo=1734μH

IP Degree: IP65

Ex marking: Ex ia IIC T4 Ga, Ex ta IIIC T135°C Da

Issued date: 2023-04-29

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穆大玉



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

2. Specific conditions of safety use:

- Rated ambient temperature range: $-40^{\circ}\text{C} \sim +60^{\circ}\text{C}$.
- The replacement battery shall be one of the following types only:

- Ultralife type U9VL-J
- Varta type 6122

These batteries are intrinsically safe and may be replaced when the equipment is in a hazardous area. The battery must be removed when the equipment is externally powered.

- The number of Bond-Rite Remote units that can be connected to the power supply with an output voltage (U_o) not exceeding 9.0 V depends on the following

- External capacitance of the power supply, $C_o(P/S)$
- External inductance of the power supply, $L_o(P/S)$
- Total capacitance of all the cables between the power supply and the connected Bond-Rite Remote units, C cable
- Total inductance of all the cables between the power supply and the connected Bond-Rite Remote units, L cable
- In the system comprising a single power supply and multiple Bond-Rite Remote units, Ccable must not exceed $C_o(P/S)$ and Lcable must not exceed $L_o(P/S)$

- See instruction for other information.

3. Certificate related report(s):

Issued date: 2023-04-29

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- Type test report: CQST2011C091, CQST2011C091/01
- Factory inspection report: CN2023Q030172
- 4. Certificate change information:
 - 1st change on April 29, 2023: Updated the standards for certification.

Issued date: 2023-04-29

Director:

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PRODUCT
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