



国家防爆

Electrical Apparatus for Explosive Atmospheres

# CERTIFICATE OF CONFORMITY

Cert. No.: CNEx18.2433X

**Manufacturer** Commend International GmbH  
5020 Salzburg, Saalachstraße 51, Austria

**Name of Product** Station Series EX 7000D 1

**Type of Product** EX 7000D 1 series

**Marking** Ex d e ib IIC T6 Gb/Ex tD ibD A21 IP64 T80°C

**Drawing No.** H-EX7000-BAR 3.0, H-EX700-FOL 1.1, H-EX7000-H(L)V 4.0

The drawings, technical documents and the samples are verified and certified according to standard(s) for safety as below:

GB 3836.1-2010	Explosive atmospheres - Part 1: Equipment - General requirements
GB 3836.2-2010	Explosive atmospheres - Part 2: Equipment protection by flameproof enclosure "d"
GB3836.3-2010	Explosive atmospheres Part 3: Equipment protection by increased safety "e"
GB3836.4-2010	Explosive atmospheres Part 4: Equipment protection by intrinsic safety "i"
GB12476.1-2013	Electrical apparatus for use in the presence of combustible dust - Part 1: General requirements
GB12476.4-2010	Electrical apparatus for use in the presence of combustible dust - Part 4: Protection by intrinsic safety "iD"
GB12476.5-2013	Electrical apparatus for use in the presence of combustible dust - Part 5: Protection by enclosures "tD"

**Note** See Annex(1 page)

**Valid Date** From May 30, 2018 to May 29, 2023

**Issue Date** May 30, 2018

**Director**



CHINA NATIONAL QUALITY SUPERVISION AND TEST CENTRE  
FOR EXPLOSION PROTECTED ELECTRICAL PRODUCTS

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Note: This certificate is only valid for the products which identify with the sample(s) tested and verified. Holder(s) of this certificate have the responsibility to ensure the products complying with relevant standard(s).

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This Annex to certificate CNEx 18.2433X covers all versions of series EX 7000D 1.

This product has been certified under certificate number IECEx EPS 17.0033X, issue 0, dated on 2018-03-13.

## Product description:

Station Series EX 7000D 1 consists of a robust plastic enclosure housing in type of protection Ex-e "increased safety" and a handset as well as a membrane keypad in type of protection Ex-i "intrinsic safety". The internal electronics housing as well as the integrated loudspeaker are designed in protection type flameproof enclosure. The connection is made via cable entries in an Ex-e terminal compartment.

## Electrical data:

100 - 240 VAC (50/60 Hz) / 0.2-0.1 A

18 - 30 VAC (50/60 Hz) / 0.7-0.5 A

22 - 60 VDC / 0.4-0.2 A

Relay contact: max 5 A

## Special conditions for safe use:

- Ambient temperature range: -20°C to +60 °C.
- The enclosure must be protected from electrostatic charge hazards (See manual).

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