

防爆合格证

Electrical Apparatus for Explosive Atmospheres CERTIFICATE OF CONFORMITY



国家防爆

Manufacturer KEY TECHNOLOGY (CHINA) LIMITED
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Product Explosion-proof mouse

Type K-TEK-AB83-DWP

Marking Ex ib IIC T4 Gb

Standard(s) AB83-1A-2021

Drawing No. K-TEK-AB83-DWP_Assembly drawing

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 3836.4-2010 Explosive atmospheres - Part 4: Equipment protection by intrinsic safety "i"

Note:

1. Intrinsic safety parameters:

power supply: $U_i=6VDC$ $I_i=500mA$ $P_i=0.75W$ $C_i=24.4\mu F$ $L_i=0mH$;
Signal output: $U_i=5VDC$ $I_i=10mA$ $P_i=12.5mW$ $C_i=24.4\mu F$ $L_i=0mH$.

2. Operation ambient temperature range: $-20^{\circ}C \sim +60^{\circ}C$.

Director

Date:

2022-04-09

Valid until:

2027-04-08



NANYANG EXPLOSION PROTECTED ELECTRICAL APPARATUS RESEARCH INSTITUTE

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Note: This certificate is only valid for products which are identical with the sample(s) tested and verified. Holder of this certificate has the responsibility to ensure the products comply with relevant standards.