



CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION

CERTIFICATE NO.: 2022012304451786

Valid from: Mar.10,2022

Valid until: Mar.09,2027

NAME AND REGISTERED ADDRESS OF THE APPLICANT JUMO GmbH & Co. KG
Moritz-Juchheim-Str. 1 36039 Fulda, Germany

NAME AND REGISTERED ADDRESS OF THE MANUFACTURER JUMO GmbH & Co. KG
Moritz-Juchheim-Str. 1 36039 Fulda, Germany

NAME AND LOCATION OF THE FACTORY JUMO GmbH & Co. KG
Moritz-Juchheim-Str. 1 36039 Fulda, Germany

PRODUCT MODEL(S) Float level switches-Exi
Type of Product : 4083□/□; Marking : Ex ia IIC T3/T4/T5/T6 Ga; Ex iaD 21 T80°C...T200°C; The model definition , electrical parameters and related document numbers can be seen in the appendix.

STANDARDS AND TECHNICAL REQUIREMENTS GB 12476.1-2013;GB 12476.4-2010;GB 3836.1-2010;GB 3836.4-2010

This is to certify that the above mentioned product(s) complies with the requirements of implementation rules for compulsory certification(REFNO. CNCA-C23-01:2019)

The validity of the certificate is subject to positive result of the regular follow up inspection by issuing certification body until the expiry date.

The certificate information is available through the QR code below or CNCA's website: www.cnca.gov.cn



SIGNATURE:

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CHINA QUALITY CERTIFICATION CENTRE



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paper:

This certificate and attachments shall be used at the same time, and the verification instructions can be found in the main certificate.

1. General assembly drawing : 40830100A44Z002K000;

2. Working voltage : 30V; **Working current :** 100mA;

3. Degree of Protection : minimum IP54 (explosive gas atmosphere) respective IP65 (Combustible dust environment);

4. The intrinsic safety parameters: Ui : 30V Ii : 100mA Pi : 750mW Ci : 0 Li : 0 ;

5. The Type Explanation :

4083 $\bar{1}$ / $\bar{2}$:

$\bar{1}$: Basic type

01、02、04、40 ;

$\bar{2}$: Basic type extension

000 : None

362 : Explosion protection, intrinsically safe, Ex i

662 : Shipbuilding approval and explosion protection, intrinsically safe, Ex i

999 : Special version ;

6. Specific conditions of use :

6.1 An equipotential bonding of the metal parts of the enclosure must be ensured over the entire circuit.

6.2 In case the flange, stopper and floats are made from titanium alloy ignition sparks needs to be prevented by the end user.

6.3 The installation, use and classification of products shall be in strict accordance with the provisions of the operation manual.

6.4 The operating ambient temperature depends on the equipment configuration. See the operation manual for details.

6.5 The process temperature is -52 °C to +260 °C.

6.6 The equipment temperature group is determined by the operating ambient temperature, medium temperature and equipment configuration (see the operation manual for details). Before the equipment is configured, the user needs to confirm the configuration scheme with the manufacturer before it can be used in the explosive environment of the corresponding temperature group.

6.7 The product can be added with temperature measurement function according to user requirements, and the intrinsic safety parameters of temperature measurement elements: Ui : 30V , Ii : 55mA , Pi : 413mW , Ci : 0 , Li : 0.

7. The product structure shall be subjected to the drawings approved by the certification body.



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