



# CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION

**CERTIFICATE NO.:** 2022012315449848

**Valid from:** Feb.11,2022

**Valid until:** Feb.11,2027

**NAME AND REGISTERED ADDRESS OF THE APPLICANT** Baumer (China) Co.Ltd,  
Building 11, Nr.1525 Minqiang Road,Songjiang Industry Park,Shanghai,P.R.China 201612

**NAME AND REGISTERED ADDRESS OF THE MANUFACTURER** Baumer A/S  
Runetofte 19,DK-8210 Aarhus V

**NAME AND LOCATION OF THE FACTORY** Baumer A/S  
Runetofte 19,DK-8210 Aarhus V

**PRODUCT MODEL(S)** Material sensor  
Type of Product : LBFx-xx.xxx.xxxxxx.x.3xxx.x; Marking : Ex nA IIC T4 Gc; The model definition , electrical parameters and related document numbers can be seen in the appendix.

**STANDARDS AND TECHNICAL REQUIREMENTS** GB 3836.1-2010;GB 3836.8-2014

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](http://www.cnca.gov.cn)



SIGNATURE:

谢肇煦



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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** : 81268369\_01;
2. **Rated voltage** : DC30V;
3. **Degree of Protection** : IP67 ;
4. **Operating ambient temperature** : -40~+85°C ;
5. **Specific conditions of use** :

5.1 This product can be delivered with factory installed M12 connector; This product can also be delivered without M12 connector. If it is delivered without plug connector, the user must choose the connector with protection grade of IP67.

5.2 The user manual must be observed when using this product.

5.3 After the thread of the product shell is connected with the metal mounting frame, the overall grounding shall be ensured.

#### 6. The Type Explanation :

**LBFx-xx.xxx.xxxxxx.x.3xxx.x**

LBF stands for level sensor ;

The 1st x from the left represents the application, "I" means general industry, "H" means hygienic industry " I"

The 2nd x represents the communication, "2" means IO-link available

The 3rd x represents the housing material, "1" means 316L

The 4th, 5th, 6th digit xxx represent electrical connection:

"010 " means M12-A, 4-pin, polycarbonate (with LED)

"020 " means M12-A, 4-pin, stainless steel (without LED)

The 7th,8th,9th,10th digit xxxx represent Process connection:

"G070 "=G1/2 ISO228-1

"N020 "=1/2-14 NPT

"A030 "=G1/2 A hygienic

"A031 "=G 1/2 A hygienic, length 82 mm

"T110 "= G 3/4 A ISO 228-1 for reverse assembly (in-shell thread)

The 11th x represents Process connection material, "2 " means 316L

The 12th x represents Gasket, "0 " means without gasket.

The 13th x represents Output signal type: :

"1 "=PNP

"2 "=NPN

"3 "= Digital (push-pull)



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The 14th digit "3" means the conformity of explosion protection of nA

The 15th,16th digit xx represents Industrial approvals

"00" =Standard

"11" =WHG

The 17th x represents special approvals

"0" =Standard

"3" =3A/EHEDG

The 18th x represents configuration

"0" =Factory settings

"1" =Customer-specific

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



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