



# CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION

**CERTIFICATE NO.:** 2022012315464851

**Valid from:** Apr.27,2023

**Valid until:** Apr.23,2027

<b>NAME AND REGISTERED ADDRESS OF THE APPLICANT</b>	Baumer (China) Co.Ltd. Building 11, Nr.1525 Minqiang Road,Songjiang Industry Park,Shanghai,P.R.China 201612
<b>NAME AND REGISTERED ADDRESS OF THE MANUFACTURER</b>	Baumer A/S Runetofte 19,DK-8210 Aarhus V
<b>NAME AND LOCATION OF THE FACTORY</b>	Baumer A/S Runetofte 19,DK-8210 Aarhus V
<b>PRODUCT MODEL(S)</b>	Material sensor Type of Product : LBFS - 3 □ □ □ □ □ □ ; Marking : Ex ec IIC T5/T4 Gc; The model definition , electrical parameters and related document numbers can be seen in the appendix.
<b>STANDARDS AND TECHNICAL REQUIREMENTS</b>	GB/T 3836.1-2021;GB/T 3836.3-2021

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.

Date of original issued: Apr.24,2022

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



CHINA QUALITY CERTIFICATION CENTRE



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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 :** 81081870.05;

**2. Rated voltage :** DC30V;

**3. Degree of Protection :** IP67 ;

**4. Operating ambient temperature :**

-40°C≤Ta≤+74°C: T5 ; -40°C≤Ta≤+85°C: T4;

-25°C≤Ta≤+70°C: T5/T4 ( With 5m cable ) ;

**5. Specific conditions of use :**

5.1 If the product needs to be equipped with M12 plug, the protection grade of the plug and socket shall be at least IP67.

5.2 When installing the product, the sensor cable must be fixed outside the sensor, and the maximum distance from the liquid level sensor is 50mm.

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

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

**6. The Type Explanation :**

**LBFS -3 XXXX. X**

LBFS stands for level sensor

"3" means the conformity of explosion protection of CCC ec

The 1st x represents electrical connection:

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

"2 " means Cable outlet 5 m, 4-wire, PVC

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

The 2nd x represents Process connection:

"1 " =G1/2A ISO228-1

"2 " =G3/4A ISO228-1

"3 " =G1A ISO228-1

"4 " =G 1/2 A hygienic ISO228-1

"5 " =G 1/2 A ISO 228-1 for reverse assembly (in-shell thread)

"6 " =3/4-14 NPT

"7 " =M18x1

"A" =G 1/2 A DIN 3852 form E, NBR gasket

"B" =G 1/2 A DIN 3852 form E, FKM (Viton®) gasket



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"G" =G 1/2 A ISO 228-1 with cooling neck

"J" =G 1/2 A hygienic gasket, FKM (Viton®), with cooling neck

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

"L" =G 1/2 A hygienic, sliding connection, length 250 mm

"N" =1/2-14 NPT

"M" =1/2-14 NPT with cooling neck

"E" =G 1/2 A DIN 3852 form E, FKM (Viton®) gasket, with cooling neck

"\$" =customized process connection

The 3rd x represents the housing material:

"1" means Stainless Steel 1.4301 - AISI 304

"2" means Stainless Steel 1.4404 - AISI 316L

The 4th x represents Output signal type: :

"1" =PNP

"2" =NPN

The 5th x represents configuration

"0" =Factory settings

"C" =Customer-specific

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



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