



中国认可  
检测  
TESTING  
CNAS L0738

170021131268



# CONFORMITY CERTIFICATE OF EXPLOSION-PROOF

Certificate No.: CCRI 17.2020X

**Company:** Dandong Top Electronics Instrument ( Group) Co., Ltd  
**Address:** Huanghai Street 10#,Zhenxing District, Dandong, Liaoning,China  
**Name of Product:** Radar Level Meter  
**Type of Product:** TRG80 Series  
**Marking:** Ex ia IIC T1~T5/T6 Ga/Ex iaD 20 T85℃  
**Technical Documents:** Q/AMM 019-2016  
**Drawing No.:** TRG80XX.A.1、 TRG80XX.B.1  
**Note(s):** Details to attachment

By verifying the drawings and technical documents and checking samples,the product complies with the following standars currently valid in P.R.China:

GB 3836.1-2010 ,GB 3836.4-2010,GB 12476.1-2013,  
GB 12476.4-2010,GB/T 4208-2017

**Date of Issue:** 06.1.2020

**Valid till:** 16.7.2022

**Authorize:**

李长坤



**China Coal Research Institute Testing Center**

(The test center of the national safety production of mining equipment and mining oil in Beijing)

Note: This certificate is only valid for the products that are in accord with samples tested and verified.

Center Add: No.5 Qingniangou Road,Hepingli,Beijing,100013

Tel/fax: 010-89268018

The query url of Explosion-proof Certificate: <http://www.ccritc.com.cn/Home>





# CONFORMITY CERTIFICATE OF CCRITC EXPLOSION-PROOF ( APPENDIX )

Certificate No.: CCRI 19.2020X

1. Description of product model:

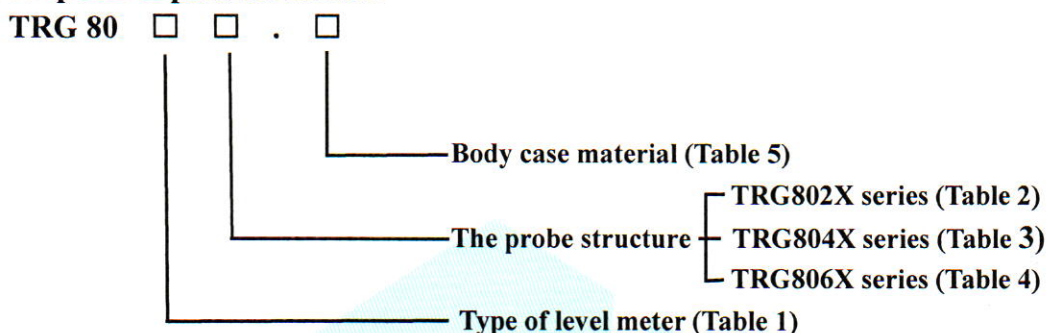


Table 1

Code	2	4	6
Type of level meter	Guided wave radar level meter	Low frequency radar level meter	High frequency radar level meter

Table 2

Code	1	2	3	4	5
TRG802 series probe structure	Coaxial	Double pole	Single pole	Double line	Single line

Table 3

Code	1	2
TRG804X series probe structure	Rod	Horn

Table 4

Code	1	2	3	4
TRG806X series probe structure	Rod	Horn	Sealing process	Paraboloid

Table 5

Code	1	2
Watchcase material	Aluminum case	Steel case

2. This product should be equipped with safety grid installed in safety zone or other explosion-proof protection, the equipment intrinsic safety parameter  $U_i: 28VDC$ ,  $I_i: 93mA$ ,  $C_i: 2000pF$ ,  $L_i: 6\mu H$ ;

3. Ignition hazard caused by shock or friction must be avoided when used in zone 0, operation ambient temperature:  $T_5: -40^\circ C \leq T_a \leq +80^\circ C$ ;  $T_6: -40^\circ C \leq T_a \leq +60^\circ C$ ; The protection class of the cage is IP67;

4. This certificate is for record renewal.

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