DANAK
PROD Reg.No. 7035
Member of EA MLA

TÜV SÜD
Danmark

EU Type Examination Certificate

Certificate No: DK-RED001366 i01

Certificate Holder:

Beijing GODA Instruments Co., Ltd.
Hongfu Enterprise Incubation Yard 10
No.2 Workshop 2-4
Changping Dist.
102209 Beijing
PEOPLE'S REPUBLIC OF CHINA

Product Type:

Short range device / SRD
80G Radar Level Meter

Model(s):

GDRD81, GDRD82, GDRD83, GDRD84, GDRD85, GDRD87, GDRD88, GDRD89

We, TÜV SÜD DANMARK ApS, as Notified Body number 2443, have examined the technical documentation and supporting evidence for the above listed equipment and found it to comply with the requirements of Annex III Module B of Radio Equipment Directive 2014/53/EU in relation to the following essential requirements covered by the examination.

Essential Requirements:

Article 3.1 (a) in respect of Health and Safety
Article 3.1 (b) in respect to EMC
Article 3.2 in respect to the use of the Radio Spectrum

This is based upon examination of the following Technical Data file. Please refer to the Annex for further technical details.

Technical Documentation: GDRD87_TCF Files

Valid from: 2020-12-23

(Jonathan Lea)

This certificate has been issued in accordance with the TÜV SÜD Testing and Certification Regulations and constitutes page 1 of the combined Certificate and Annex.

The CE marking may be used on the equipment described above subject to the equipment meeting the compliance requirements of all applicable EU directives.

The conditions for the validity of this certificate are listed in the Annex.
For further details related to this certification please contact BABT@tuvsud.com

REDK1 103927 0002 Rev. 00

TÜV SÜD DANMARK ApS • Strandvejen 125 • 2900 Hellerup • Denmark

TÜV®

1 Equipment Description

The 80G Radar Level Meter is used to measure distance.

1.1 Models

	Market Model Name	HW Version	SW Version
Original	GDRD87	R80H10	R80S10
Variant	GDRD81	R80H10	R80S10
Variant	GDRD82	R80H10	R80S10
Variant	GDRD83	R80H10	R80S10
Variant	GDRD84	R80H10	R80S10
Variant	GDRD85	R80H10	R80S10
Variant	GDRD88	R80H10	R80S10
Variant	GDRD89	R80H10	R80S10
The applicant declares that all the electronic parts including RF circuit are same within these models, only difference is in classification, shell material, process connection material, installation and antenna gain.			

1.2 Supported Functions and Features

1.2.1 Non-radio features

NA.

1.2.2 Radio features

Radio	Features	Operating Spectrum / Power
SRD	Radar	75 ~ 85 GHz / 22.2 dBm

1.3 Associated Parts

NA.

2 Assessed Standards

Article 3.1(a)	Article 3.1(b)	Article 3.2
EN 61010-1:2010 EN 62311:2008	Draft EN 301 489-1 V2.2.0 Final draft EN 301 489-3 V2.1.1	EN 302 729 V2.1.1 EN 302 372 V2.1.1

3 Technical Documentation

3.1 Technical Documentation

Technical documentation and supporting evidence were examined and found to comply with the EU-type examination requirements in conjunction with Annex V requirements of the directive.

3.2 Declarations

Declaration of Conformity Draft	Modified	2020-12-02

3.3 Strategic Documentation

Risk Assessment for Radio Equipment Directive 2014/53/EU	Issued	2019-04-04
Declaration of Operation for article 10	Issued	2019-04-04

3.4 Technical Compliance Documentation

3.4.1 Article 3.1(a)

1902SSU003-E1	Issued	2019-03-25
1901RSU029-E4	Issued	2019-03-25

3.4.2 Article 3.1(b)

1901RSU029-E1	Issued	2019-03-25

3.4.3 Article 3.2

1901RSU029-E2	Issued	2019-03-25
1901RSU029-E3	Issued	2019-03-25

4 Additional Information

None

5 Conditions of Validity

None

Signature:  Date: 2020-12-23

Print Name: (Jonathan Lea)

On behalf of TÜV SÜD DANMARK ApS