



# IECEX Certificate of Conformity

## INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification System for Explosive Atmospheres

for rules and details of the IECEx Scheme visit [www.iecex.com](http://www.iecex.com)

Certificate No.: **IECEX UL 22.0016** Page 1 of 3 [Certificate history:](#)

Status: **Current** Issue No: 0

Date of Issue: 2022-03-30

Applicant: **Otto Engineering Inc.**  
2 East Main Street  
Carpentersville, IL 60110  
**United States of America**

Equipment: **Intrinsically Safe Headset, Type ClearTrak NRX**

Optional accessory: Push-to-Talk (PTT) button

Type of Protection: **Intrinsic Safety"ia"**

Marking: **Ex ia IIC T4 Ga**  
**-30°C to +75°C**

Approved for issue on behalf of the IECEx  
Certification Body:

**Lucy Frieders**

Position:

**Staff Engineer**

Signature:  
(for printed version)

Date:  
(for printed version)

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Certificate issued by:

**UL LLC**  
**333 Pfingsten Road**  
**Northbrook IL 60062-2096**  
**United States of America**





# IECEX Certificate of Conformity

Certificate No.: **IECEX UL 22.0016**

Page 2 of 3

Date of issue: 2022-03-30

Issue No: 0

Manufacturer: **Otto Engineering Inc.**  
2 East Main Street  
Carpentersville, IL 60110  
**United States of America**

Manufacturing locations: **Otto Engineering Inc.**  
2 East Main Street  
Carpentersville, IL 60110  
**United States of America**

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEX Quality system requirements. This certificate is granted subject to the conditions as set out in IECEX Scheme Rules, IECEX 02 and Operational Documents as amended

## STANDARDS :

The equipment and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards

[IEC 60079-0:2017](#) Explosive atmospheres - Part 0: Equipment - General requirements  
Edition:7.0

[IEC 60079-11:2011](#) Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"  
Edition:6.0

This Certificate **does not** indicate compliance with safety and performance requirements other than those expressly included in the Standards listed above.

## TEST & ASSESSMENT REPORTS:

A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in:

Test Report:

[US/UL/ExTR22.0018/00](#)

Quality Assessment Report:

[US/UL/QAR06.0010/10](#)



# IECEX Certificate of Conformity

Certificate No.: **IECEX UL 22.0016**

Page 3 of 3

Date of issue: 2022-03-30

Issue No: 0

**EQUIPMENT:**

Equipment and systems covered by this Certificate are as follows:

The devices covered by this certificate are intrinsically safe headsets with microphones. Power is provided through a permanently connected cable and connector assembly with intrinsic safety entity parameters assigned. The headsets may be provided with an optional push-to-talk (PTT) button.

**Please see Annex for additional information.**

**SPECIFIC CONDITIONS OF USE: NO**

**Annex:**

[Annex to IECEx UL 22.0016 Issue 0.pdf](#)



# IECEX Certificate of Conformity

Certificate No.:

IECEX UL 22.0016

Issue No.: 0

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## TYPE DESIGNATION

Nomenclature for type ClearTrak NRX:

Models differ in features such as housing color, type of cable connector, and presence of PTT button. The following models of the ClearTrak NRX headsets are covered by this certificate:

Model V4-11222-S  
Model V4-11223-S  
Model V4-11226-S  
Model V4-11227-S  
Model V4-11230-S  
Model V4-11231-S  
Model V4-11232-S  
Model V4-11233-S  
Model V4-11234-S  
Model V4-11235-S





## PARAMETERS RELATING TO THE SAFETY

Intrinsic safety entity parameters:

$U_i = 9.6 \text{ V}$   
 $I_i = 360 \text{ mA}$   
 $P_i = 1.25 \text{ W}$   
 $L_i/R_i = 43.2 \text{ } \mu\text{H}/\Omega$   
 $C_i = 36 \text{ nF}$

## MARKING

Marking has to be readable and indelible; it has to include the following indications:

			
OTTO Engineering, Inc 2 East Main Street Carpentersville, IL 60110	0539	II 1 G	MODEL: V4-11222-S SERIAL No: Job Number Class I, Div 1, Groups A, B, C, D Class II, Div 1, Groups E, F, G Class III, Div 1, T4 Class I, Zone 0, AEx ia IIC T4 Ga Ex ia IIC T4 Ga
WARNING – Refer to manual for Intrinsically Safe Instructions / Reportez-vous au manuel pour les instructions à sécurité intrinsèque 8004495			



# IECEX Certificate of Conformity

Certificate No.:

IECEX UL 22.0016

Issue No.: 1

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## TYPE DESIGNATION

### Nomenclature for type ClearTrak NRX:

Models differ in features such as housing color, type of cable connector, and presence of PTT button. The following models of the ClearTrak NRX headsets are covered by this certificate:

Model V4-11222-S  
Model V4-11223-S  
Model V4-11226-S  
Model V4-11227-S  
Model V4-11228-S (helmet mount)  
Model V4-11229-S (helmet mount)  
Model V4-11230-S  
Model V4-11231-S  
Model V4-11232-S  
Model V4-11233-S  
Model V4-11234-S  
Model V4-11235-S  
Model V4-11236-S (helmet mount)


## PARAMETERS RELATING TO THE SAFETY

Intrinsic safety entity parameters:

$U_i = 9.6 \text{ V}$   
 $I_i = 360 \text{ mA}$   
 $P_i = 1.25 \text{ W}$   
 $L_i/R_i = 43.2 \mu\text{H}/\Omega$   
 $C_i = 36 \text{ nF}$

## MARKING


Marking has to be readable and indelible; it has to include the following indications:





MODEL: V4-11222-S  
SERIAL No.: Job Number  
Class I, Div 1, Groups A, B, C, D  
Class II, Div 1, Groups E, F, G  
Class III, Div 1, T4  
Class I, Zone 0, AEx ia IIC T4 Ga  
Ex ia IIC T4 Ga

WARNING – Refer to manual for Intrinsically Safe Instructions / Reportez-vous au manuel pour les instructions à sécurité intrinsèque 804495

OTTO Engineering, Inc  
2 East Main Street  
Carpentersville, IL 60110

 30 2742 LISTED 30

 0530

G I II G  
 Ex ia IIC T4 Ga  
UL 22 ATEX 2711  
-30°C < Ta < +75°C  
Ex ia IIC T4 Ga  
IECEX UL 22.0016  
 $U_i$  or  $V_{max} = 9.6 \text{ V}$   
 $I_i$  or  $I_{max} = 360 \text{ mA}$   
 $P_i$  or  $P_{max} = 1.25 \text{ W}$   
 $L_i/R_i = 43.2 \mu\text{H}/\Omega$   
 $C_i = 36 \text{ nF}$



# IECEx Certificate of Conformity

Certificate No.:

IECEx UL 22.0016

Issue No.: 1

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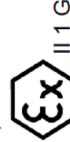
ONLY AS TO INTRINSIC SAFETY  
MODEL: V4-11229-S  
SERIAL No.: Job Number  
Radio Device For Use In  
Hazardous Locations  
Class I, Div 1, Groups A, B, C, D  
Class II, Div 1, Groups E, F, G  
Class III, Div 1, T4  
Class I, Zone 0, AEx ia IIC T4 Ga  
Ex ia IIC T4 Ga

WARNING – Refer to  
manual for Intrinsically Safe  
Instructions / Reportez-vous au  
manuel pour les instructions à  
sécurité intrinsèque 804501



CE UK CA 0536 0843  
2777  
EN352

OTTO Engineering, Inc  
2 East Main Street  
Carpentersville, IL 60110



Ex ia IIC T4 Ga  
UL 22 ATEX 2711  
-30°C<Ta<+75°C  
Ex ia IIC T4 Ga  
IECEx UL 22.0016  
Ui or Vmax = 9.6V  
Ii or Imax = 360mA  
Pi or Pmax = 1.25W  
Li/Ri = 43.2uH/ohm  
Ci = 36nF



# IECEX Certificate of Conformity

## INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification System for Explosive Atmospheres

for rules and details of the IECEx Scheme visit [www.iecex.com](http://www.iecex.com)

Certificate No.: **IECEX UL 21.0063** Page 1 of 3 [Certificate history:](#)  
Status: **Current** Issue No: 0  
Date of Issue: 2021-07-30  
Applicant: **Otto Engineering Inc.**  
2 East Main Street  
Carpentersville, IL 60110  
**United States of America**  
Equipment: **Intrinsically Safe Headset, NoizeBarrier TAC, Models V4-11166-S, V4-11167-S, V4-11168-S, V4-11221-S**  
Optional accessory:  
Type of Protection: **Intrinsic Safety "ia"**  
Marking: **Ex ia IIC T4 Ga**  
**-18°C to +50°C**

Approved for issue on behalf of the IECEx  
Certification Body:

**Erin LaRocco**

Position:

**Staff Engineer**

Signature:  
(for printed version)

Date:  
(for printed version)

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Certificate issued by:

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**333 Pfingsten Road**  
**Northbrook IL 60062-2096**  
**United States of America**





# IECEX Certificate of Conformity

Certificate No.: **IECEX UL 21.0063**

Page 2 of 3

Date of issue: 2021-07-30

Issue No: 0

Manufacturer: **Otto Engineering Inc.**  
2 East Main Street  
Carpentersville, IL 60110  
**United States of America**

Manufacturing  
locations:

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## STANDARDS :

The equipment and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards

[IEC 60079-0:2017](#) Explosive atmospheres - Part 0: Equipment - General requirements  
Edition:7.0

[IEC 60079-11:2011](#) Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"  
Edition:6.0

This Certificate **does not** indicate compliance with safety and performance requirements other than those expressly included in the Standards listed above.

## TEST & ASSESSMENT REPORTS:

A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in:

Test Report:

[US/UL/ExTR21.0068/00](#)

Quality Assessment Report:

[US/UL/QAR06.0010/10](#)



# IECEX Certificate of Conformity

Certificate No.: **IECEX UL 21.0063**

Page 3 of 3

Date of issue: 2021-07-30

Issue No: 0

**EQUIPMENT:**

Equipment and systems covered by this Certificate are as follows:

The devices covered by this certificate are intrinsically safe headsets with microphones. Power is provided by two, self-contained primary cells and communication to other devices is facilitated through a permanently connected cable and connector assembly with intrinsic safety entity parameters assigned. The headsets may be provided with an optional push-to-talk (PTT) button.

**Please see Annex for additional information.**

**SPECIFIC CONDITIONS OF USE: NO**

**Annex:**

[Annex to IECEx UL 21.0063 Issue 0.pdf](#)



# IECEx Certificate of Conformity

Certificate No.: IECEx UL 21.0063

Issue No.: 0

Page 1 of 1

## TYPE DESIGNATION

Models differ in features such as housing shape, color, type of cable connector, and presence of PTT button. The following models are covered by this certificate:

Model V4-11166-S  
Model V4-11167-S  
Model V4-11168-S  
Model V4-11221-S

## PARAMETERS RELATING TO THE SAFETY

3.0V

Intrinsic safety entity parameters:

$U_i = 10\text{ V}$

$I_i = 6\text{ A}$



$L_i = 0\text{ }\mu\text{H}$



$C_i = 0.26\text{ }\mu\text{F}$

## MARKING

Marking has to be readable and indelible; it has to include the following indications:

MODEL: V4-11166-S  
SERIAL No.: Job Number  
Class I, Div 1, Groups A, B, C, D  
Class II, Div 1, Groups E, F, G  
Class III, Div 1, T4  
Class I, Zone 0, AEx ia IIC T4 Ga  
Ex ia IIC T4 Ga  
WARNING - Explosion Hazard /  
AVERTISSEMENT - Risque  
d'explosion - Change batteries only  
in a location known to be  
non-hazardous / Ne remplacez les  
piles que dans un endroit connu  
pour être non dangereux.  
Use only / Utilisez seulement  
Duracell MN2400, Energizer E92,  
or Panasonic LR03XWA. Refer to  
manual for Intrinsic Safety  
Instructions / Reportez-vous au  
manuel pour les instructions à  
sécurité intrinsèque 804489

   
OTTO Engineering, Inc  
2 East Main Street  
Carpentersville, IL 60110

  0536 II 1 G  
Ex ia IIC T4 Ga  
UL 21 ATEX 2286  
-18°C < T<sub>a</sub> < +50°C  
Ex ia IIC T4 Ga  
IECEx UL 21.0063  
C<sub>i</sub> = 0.26µF U<sub>i</sub> or V<sub>MAX</sub> = 10V  
L<sub>i</sub> = 0µH I<sub>i</sub> or I<sub>MAX</sub> = 6A



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Certificate No.:	<b>IECEx UL 09.0022X</b>	Page 1 of 4	<u>Certificate history:</u>
Status:	<b>Current</b>	Issue No: 4	Issue 3 (2017-03-29)
Date of Issue:	2020-03-05		Issue 2 (2016-06-17)
Applicant:	<b>Otto Engineering</b> 2 East Main Street Carpentersville, IL 60110 <b>United States of America</b>		Issue 1 (2010-09-30)
Equipment:	<b>Radio Accessories</b>		Issue 0 (2010-01-11)
Optional accessory:			
Type of Protection:	<b>Intrinsic safety "ia"</b>		
Marking:	Ex ia IIC T4 or Ex ia IIB T4 -40°C ≤ Ta ≤ +40°C		

Approved for issue on behalf of the IECEx  
Certification Body:

**Katy A. Holdredge**

Position:

**Senior Staff Engineer**

Signature:  
(for printed version)

Date:  
(for printed version)

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Certificate issued by:

**UL LLC**  
333 Pfingsten Road  
Northbrook IL 60062-2096  
**United States of America**





# IECEX Certificate of Conformity

Certificate No.: **IECEX UL 09.0022X**

Page 2 of 4

Date of issue: 2020-03-05

Issue No: 4

Manufacturer: **Otto Engineering**  
2 East Main Street  
Carpentersville, IL 60110  
**United States of America**

Manufacturing locations:

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended

## STANDARDS :

The equipment and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards

[IEC 60079-0:2011](#) Explosive atmospheres - Part 0: General requirements  
Edition:6.0

[IEC 60079-11:2011](#) Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"  
Edition:6.0

This Certificate **does not** indicate compliance with safety and performance requirements other than those expressly included in the Standards listed above.

## TEST & ASSESSMENT REPORTS:

A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in:

Test Reports:

[US/UL/ExTR09.0021/00](#)  
[US/UL/ExTR09.0021/03](#)

[US/UL/ExTR09.0021/01](#)  
[US/UL/ExTR09.0021/04](#)

[US/UL/ExTR09.0021/02](#)

Quality Assessment Report:

[US/UL/QAR06.0010/09](#)



# IECEx Certificate of Conformity

Certificate No.: **IECEx UL 09.0022X**

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Date of issue: 2020-03-05

Issue No: 4

**EQUIPMENT:**

Equipment and systems covered by this Certificate are as follows:

The apparatus is a series of accessories to be connected to intrinsically safe radios by entity parameters.

**Please see Annex for additional information.**

**SPECIFIC CONDITIONS OF USE: YES as shown below:**

These radio accessories are only intended for connection to intrinsically safe radios that have been evaluated to have intrinsically safe (entity) parameters at the accessory connection.



# IECEx Certificate of Conformity

Certificate No.: **IECEx UL 09.0022X**

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Date of issue: 2020-03-05

Issue No: 4

## **DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)**

Issue 1: Addition of Model V2-S2CM11121-S

Issue 2: Updated 60079-0 and 60079-11 to current version. Addition of Storm Speaker Microphone Model V2-S2MF11111-S and Earphone Kit Model V1-11155-S. Reduction of Li value of Model V1-T12MF117-S from 0.5mH to 0.14 mH.

Issue 3: Addition of Headset Models V4-10961-S, V4-11016-S and alternate speaker part number for use in headsets.

Issue 4: An alternate plastic material, RTP type 2500 A Permastat Plus was evaluated and determined suitable for the enclosures for the V2 series Speaker Mics.

## **Annex:**

[Annex to IECEx UL 09.0022X Issue 4.pdf](#)



# IECEX Certificate of Conformity

Certificate No.: IECEX UL 09.0022X

Issue No.: 4

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## TYPE DESIGNATION

### Speaker Microphones:

Models: V2-10030-S, V2-10031-S, V2-10068-S, V2-10134-S, V2-10162-S, V2-10168-S, V2-10240-S, V2-10241-S, V2-10273-S, V2-10278-S, V2-10318-S, V2-10375-S, V2-S2ER12111-S, V2-S2KC12111-S, V2-S2MF11111-S, V2-S2MJ11111-S, V2-S2VJ11111-S, V2-S2CM11121-S.

A speaker microphone consisting of a speaker, microphone, a press to talk switch, with or without a high/low volume control, with or without antenna connection, with or without an emergency switch, a straight or coil cord, various connections facilities to an intrinsically safe radio. Connection to intrinsically safe radio via entity parameters. Optional output connection provided with entity parameters. Note: Models numbers beginning in "V2-S2" are considered Storm Speaker Microphones.

### Throat Microphone:

Model: V1-T12MF117-S.

Throat microphone with consisting of a microphone which attaches to the throat, an earphone connected by a cannon type connector, a body press to talk switch connected by a plug and socket connection, a coil cord to the intrinsically safe radio, a coil cord for the earphone, and a straight cord for the other connections. Electrical connection to intrinsically safe apparatus is made via entity parameters.

### Headsets:

Models: V4-10018-S, V4-10019-S, V4-10080-S, V4-10081-S, V4-10150-S, V4-10316-S, V4-10317-S, V4-10391-S, V4-10430-S, V4-10431-S, V4-10433-S, V4-10434-S, V4-10523-S, V4-10693-S, V4-10694-S, V4-10961-S, and V4-11016-S.

Either behind the head, over the head, or light weight style headset with one or two speakers, one microphone, either straight or coil cord, with or without press to talk switch, with or without clothing clip and with a connection to an intrinsically safe radio via entity parameters.

### Hurricane Headsets:

Models: V4-HN2CM3B-S, V4-HN2KB3B-S, V4-HN2MJ3B-S

Headset with two ear tip style speakers, a microphone, a straight cord, a press to talk switch, and a clothing clip and with connection to an intrinsically safe radio via entity parameters.

### Earphone Kits:

Models: V1-10305-S, V1-10432-S, V1-10433-S, V1-11155-S.

Earphone consisting of a speaker, coil cord, connection clip, secondary coil cord and plug-in connection to an intrinsically safe apparatus. Electrical connection to intrinsically safe apparatus is made via entity parameters.



# IECEx Certificate of Conformity

Certificate No.: IECEx UL 09.0022X

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PTT Adapter Kits:

Model: V1-10513-S, V1-10514-S, V1-10515-S.

A press to talk switch consisting of a switch assembly, a straight or coil cord, with or without a connection strap and a plug-in connection to the intrinsically safe apparatus. Electrical connection to intrinsically safe apparatus is made via entity parameters.

**PARAMETERS RELATING TO THE SAFETY**

**Electrical data**

Model	Ui (Volts)	Pi (Watts)	Ii (Amps)	Li (mH)	Ci (uF)	Uo (Volts)	Po (Watts)	Io (Amps)	Lo (mH)	Co (uF)	Group
<b>Headsets</b>											
V4-10018-S	9.6	1.3	0.24	0.4	0.01	None	None	None	None	None	IIC
V4-10019-S	9.6	1.3	0.24	0.4	0.01	None	None	None	None	None	IIC
V4-10080-S	9.6	1.3	0.24	0.4	0.01	None	None	None	None	None	IIC
V4-10081-S	9.6	1.3	0.24	0.4	0.01	None	None	None	None	None	IIC
V4-10150-S	9.6	1.3	0.24	0.4	1.0	None	None	None	None	None	IIC
V4-10316-S	9.6	1.3	0.24	0.4	1.0	None	None	None	None	None	IIC
V4-10317-S	9.6	1.3	0.24	0.4	1.0	None	None	None	None	None	IIC
V4-10391-S	9.6	1.3	0.24	0.4	0.01	None	None	None	None	None	IIC
V4-10430-S	9.6	1.3	0.24	0.4	0.01	None	None	None	None	None	IIC
V4-10431-S	9.6	1.3	0.24	0.4	0.01	None	None	None	None	None	IIC
V4-10433-S	9.6	1.3	0.24	0.4	1.3	None	None	None	None	None	IIB
V4-10434-S	9.6	1.3	0.24	0.4	0.01	None	None	None	None	None	IIC
V4-10523-S	9.6	1.3	0.24	0.4	0.01	None	None	None	None	None	IIC
V4-10693-S	9.6	1.3	0.24	0.4	0.01	None	None	None	None	None	IIC
V4-10694-S	9.6	1.3	0.24	0.4	0.01	None	None	None	None	None	IIC
V4-10961-S (**)	9.6	1.3	0.24	0.4	0.01	None	None	None	None	None	IIC
V4-11016-S (**)	9.6	1.3	0.24	0.4	0.01	None	None	None	None	None	IIC
<b>Hurricane Headsets</b>											
V4-HN2CM3B-S	9.6	1.3	0.24	0.2	0.2	None	None	None	None	None	IIC
V4-HN2KB3B-S	9.6	1.3	0.24	0.2	0.2	None	None	None	None	None	IIC
V4-HN2MJ3B-S	9.6	1.3	0.24	0.2	0.2	None	None	None	None	None	IIC



# IECEx Certificate of Conformity

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Earphone Kits											
V1-10305-S	9.6	1.3	0.22	0.1	1.3	None	None	None	None	None	IIC
V1-10432-S	9.6	1.3	0.22	0.1	1.3	None	None	None	None	None	IIC
V1-10433-S	9.6	1.3	0.22	0.1	0.01	None	None	None	None	None	IIC
V1-11155-S	9.6	1.3	0.22	0.1	0.01	None	None	None	None	None	IIC
PTT Adapter Kits											
V1-10513-S	9.6	1.3	0.22	0.2	0.01	None	None	None	None	None	IIC
V1-10514-S	9.6	1.3	0.22	0.2	0.01	None	None	None	None	None	IIC
V1-10515-S	9.6	1.3	0.22	0.2	0.01	None	None	None	None	None	IIC

Note (\*\*): Models V4-10961-S and V4-11016-S are provided with Li/Ri parameters of 0.05mH/Ω

## MARKING

Marking has to be readable and indelible; it has to include the following indications:

<p>OTTO Engineering, Inc 2 East Main Street, Carpentersville, IL 60110 USA</p> <p><b>CE</b> 0539 <b>Ex</b> II 2 G Ex ia IIB T4</p> <p>DEMKO 09 ATEX 0907434X -40°C &lt; T<sub>A</sub> &lt; +40°C Ex ia IIB T4 Gb IECEx UL 09.0022X U<sub>i</sub> OR V<sub>MAX</sub> = 9.6V I<sub>i</sub> OR I<sub>MAX</sub> = 0.22A P<sub>i</sub> OR P<sub>MAX</sub> = 1.3 W C<sub>i</sub> = 1.8uF L<sub>i</sub> = 0.5uH U<sub>o</sub>=9.6V I<sub>o</sub>=0.22A P<sub>o</sub>=1.3W Co=1.4uF Lo=0.1mH</p>	<p> OTTO Engineering, Inc 2 East Main Street, Carpentersville, IL 60110 USA</p> <p><b>CE</b> 0539 <b>Ex</b> II 2 G DESC. 5 DESC. 6 -40°C &lt; T<sub>A</sub> &lt; +40°C DESC. 7 DESC. 8 U<sub>i</sub> OR V<sub>MAX</sub> = 9.6V I<sub>i</sub> OR I<sub>MAX</sub> = DESC. 9 P<sub>i</sub> OR P<sub>MAX</sub> = 1.3 W C<sub>i</sub> = DESC. 10 L<sub>i</sub> = DESC. 11 DESC. 12 DESC. 13</p>	<p>MODEL: OTTO P/N SERIAL No: JOB NUMBER</p> <p>Exia  US LISTED 27CZ</p> <p>Radio Device For Use In Hazardous Locations</p> <p>DESC. 1 DESC. 2 DESC. 3</p> <p>Intrinsically Safe when installed in accordance with DESC. 4_manual Warning-Substitution of components may impair Intrinsic Safety, To prevent Ignition of Flammable Atmospheres- Disconnect power before Servicing</p>
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