

identiFUEL™ Nozzle Unit Gen 3

Installation Guide (Model N° FNU900)



	WEEE Directive
	RoHS Directive
	European Union Compliance Conformite Européenne (European Community)
	Regulatory Conformance Mark (RCM) Australia
	Federal Communications Commission FCC ID: SL6-NUC600
	IECEx
	ATEX
This equipment model number FNU900 is certified intrinsically safe for operation in Zone 0 for the following environments	For gas environments:  II 1G Ex ia IIB T4 Gb (Ta = -25°C to +60°C) For Mines susceptible to firedamp:  I M1 Ex ia I Ma (Ta = -25°C to +60°C)

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1. Safety Instructions

- Read the safety instructions before installation.
- Make sure you understand the safety instructions before installation.

Electrical installations in hazardous areas possess features specially designed to render them suitable for operations in such atmospheres. It is essential for reasons of safety in those areas that, throughout the life of such installations, the integrity of those special features is preserved; they therefore require initial inspection and either a) regular periodic inspections thereafter, or b) continuous supervision by skilled personnel in accordance with this standard and, when necessary, maintenance.



Training

The inspection and maintenance of installations shall be carried out only by experienced personnel, whose training has included instruction on the various types of protection and installation practices, the relevant rules and regulations and on the general principles of area classification. Appropriate continuing education or training shall be undertaken by personnel on a regular basis.

Skilled personnel must be provided with sufficient training to enable familiarity with the installation which they attend. This training shall include any plant, apparatus, operational or environmental conditions which relate to their understanding of the needs of the explosion protection of apparatus. Where any alterations or changes to the process or installation are affected this information shall be provided to the skilled personnel in a manner which supports their function as part of the continuous supervision process.

Inspection

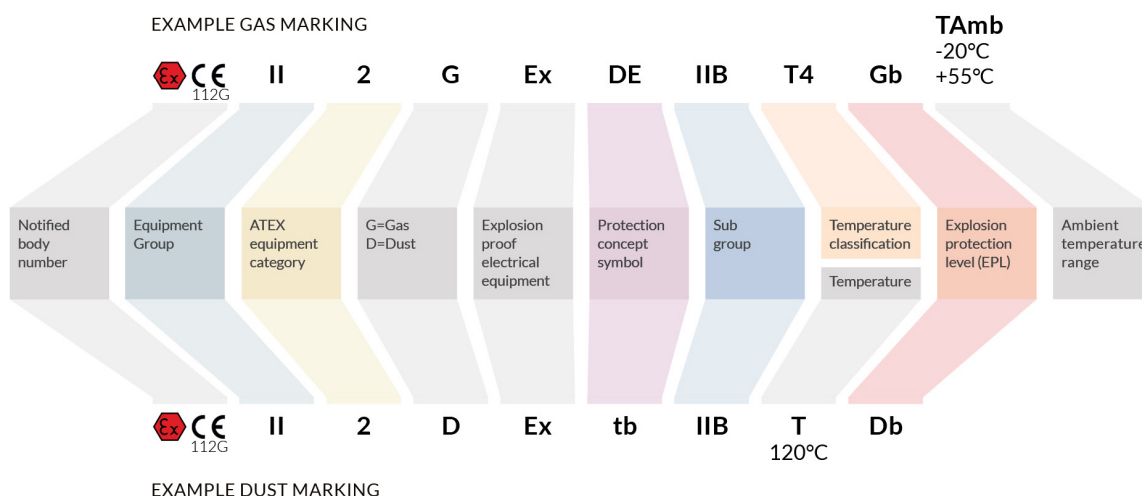
Before the apparatus is brought into service, it shall be given an initial inspection. To ensure that the installations are maintained in a satisfactory condition for continued use within a hazardous area, either a) regular periodic inspections, or b) continuous supervision by skilled personnel, and, where necessary, maintenance shall be carried out. If the apparatus is dismantled during an inspection, precautions shall be taken during reassembly to ensure that the integrity of the type of protection is not impaired.

Typical inspection schedule:

- Apparatus is appropriate to area classification as defined by the label
 - Apparatus temperature class is correct
 - Apparatus category and gas/dust class is correct
- IP grade of apparatus is appropriate to conductivity of dust
- Apparatus circuit identification is available
- Enclosure, glasses and glass to metal sealing gaskets and/or compounds are satisfactory
- There are no visible unauthorized modifications
- Bolts, cable entry devices and blanking elements are of the correct type and are complete and tight
- Apparatus is adequately protected against corrosion, weather, vibration and other adverse conditions
- No undue accumulation of dust and dirt
- Apparatus installed is that specified in the documentation

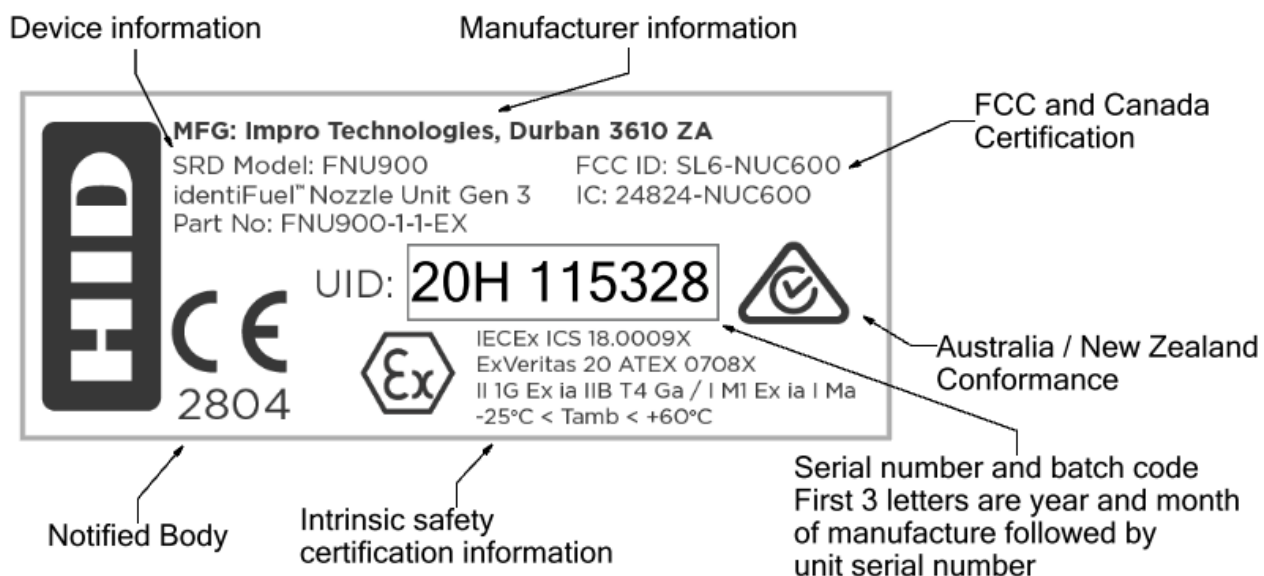
Label

The label for the apparatus can be found on the underside of the device and contains all applicable information regarding the safety certifications of the device as outlined below:



Label Information

The FNU900 nozzle unit has the following label affixed to the unit with the following information available.



Maintenance

The general condition of all apparatus shall be noted, and appropriate remedial measures shall be taken where necessary. Care shall be taken, however, to maintain the integrity of the type of protection provided for the apparatus; this may require consultation with the manufacturer. Replacement parts shall be in accordance with the manufacturer's safety documentation. Alterations to apparatus shall not be carried out without appropriate authorization where they adversely affect the safety of the apparatus as stated in the safety documentation.

Environmental conditions

Electrical apparatus in a hazardous area can be adversely affected by the environmental conditions in which it is used. Some of the key elements to consider are corrosion, ambient temperature, ultraviolet radiation, ingress of water, accumulation of dust or sand, mechanical effects and chemical attack.

Installation

Maintenance work may be carried out on energized apparatus subject to the conditions detailed below.

- Disconnection of, and removal or replacement of, items of electrical apparatus and cabling.
- Adjustment of any controls necessary for the calibration of the electrical apparatus or system.
- Removal and replacement of any plug-in components or assemblies.
- Use of any test instruments specified in the relevant documentation. Where test instruments are not specified in the relevant documentation, only those instruments which do not affect the intrinsic safety of the circuit under test may be used.
- Any other maintenance activity specifically permitted by the relevant documentation.

The person carrying out any of the functions described above shall ensure that the intrinsically safe system or self-contained intrinsically safe apparatus meets the requirements of the relevant documentation after completion of any of those functions.

Operation

The operator will ensure that:

- The unit is maintained and operated, in accordance with the manufacturer's instructions and in such a way as to minimize the risks of an explosion.
- The vehicle's ignition is switched off during the insertion and operation of the unit.
- There are no risks in the explosive zone that could be a potential risk for explosion.

2. identiFUEL™ Nozzle Unit

Universal Low Frequency RFID Readers & Transmitter to Fit on Fueling Nozzles

- *Reads vehicle tag and identifies vehicle to the Fuel Management System*
- *Automatic activation and standby mode via Tilt Switch*
- *Supports a range of standard filling nozzles*



The HID Global identiFUEL™ Fueling Nozzle Unit is a universal, intrinsically safe RFID reader, used for Fueling Management Systems (FMS). The Fueling Nozzle Unit can fit onto a wide variety of standard fuel filling nozzles. The unit turns a filling nozzle into an RFID reader that is automatically activated when the nozzle is moved. The Fueling Nozzle Unit works in combination with identiFUEL Vehicle Tags and Wireless Controllers as an RFID front-end for Fuel Management Systems.

As soon as the Fueling Nozzle Unit detects a corresponding vehicle tag, the tag's unique ID and required fuel information is sent via an encrypted channel to the corresponding identiFUEL™ Wireless Controller. The controller communicates to the FMS software, which decides if and how much fuel to dispense. Once the nozzle is removed from the vehicle, and the vehicle tag can no longer be read, the Fueling Nozzle Unit notifies the FMS to stop the fuel dispersion.

The identiFUEL™ Fueling Nozzle Unit includes a dual-color LED that indicates whether the unit is operational, and a tag was successfully read. The rugged housing makes the Fueling Nozzle Unit resistant to typical fueling environments and rainwater.

Key Technology Highlights

- Lighter smaller compact universal design
- Simple installation on various existing nozzles
- Fully encapsulated rugged & antistatic design
- ATEX / IECEx compliant
- Multi-year battery life
- Over the air firmware upgradeability
- Completely wireless operation
- RFID auto-tune to compensate for environmental variance (amount of metal)
- Heartbeat packet (to check in with system when not in use for long periods of time)
- Anti-tamper feature (attempt to remove unit is reported to system)
- Real time battery voltage reading
- Drop and impact detection
- Pitch and roll angular limitation for control of valid reading (configurable option)

How does it work?



- 1) The nozzle unit fitted to the filling nozzle reads the 125 kHz passive RFID vehicle tag when the nozzle is inserted into the fuel filler pipe, unit remains asleep until moved at which point it searches for a tag.
- 2) The nozzle unit then sends the tag info along with unit info every 2.2 seconds (ID, status, etc.) over a 433.92 MHz encrypted proprietary RF data link to the Wireless Controller.
- 3) If the frontend validation passes, the Wireless Controller sends authorization information and a “Nozzle In” condition, to the Fuel Management System (FMS) which is then responsible for checking whether the vehicle is valid or not according to predefined business rules. It then interacts with the dispensing systems to allow fueling to start.
- 4) If the nozzle is removed, the unit will not be able to read the vehicle tag anymore and send the appropriate information to the Wireless Controller.
- 5) The Wireless Controller interprets this as a “Nozzle Out” condition and sends a message to the FMS. The FMS will then be able to stop fuel dispersion, complete the fueling process and record a completed transaction.

3. Specifications

Electronic	
Base Model Number	FNU900
Transmitter Frequency to Wireless Controller	433.92 MHz
RFID Reader (scanner) to Operating Freq. range to Vehicle	121-129kHz
Max. Distance to Wireless Controller	328 ft. (100 m)
Data Format	EM4582/HitagS - Bi-Phase/Manchester (modulation)
Modulation	OOK
Data rate	16.7 kbps
Duty Cycle	50%
Mode of operation	Simplex
Max RF output power	10 dBm
Power Supply	2 x 2.5 Ah Lithium Thionyl Chloride Batteries
Power Supply Lifetime	~3 years battery life @ 200 minutes per day operation *
Mounting Method	Screws (4 Screws)
Fits nozzle types	Elaflex, SL1 (ER 242.1T), Elaflex, SL1 (ER 242.1) Elaflex, SL1 (ER 242.2) Elaflex, SL2 (Vapour Recovery) Elaflex, SL2 (ER042.1) Elaflex, ZVA Adblue HV Elaflex, ZVA Adblue LV OPW, OPW11 OPW, OPW7H OPW, Avance Gas + Vapour Recovery OPW, Avance, Diesel OPW, 12VW Husky, 1A Husky, VIII
Housing Material	Glass filled Nylon (PA6)
Colour	Black
Water	IP66
Withstands Exposure to	Fuel B, mineral oil, petroleum, salt mist, vegetable oil
Environmental Test Conditions	68° F (20° C), 100 h
Humidity	0 to 95% relative humidity at +104° F (+40° C) non-condensing
Drop Test	1 m (3.28 ft) drop (in packaging)
Storage	-40° to +176° F (-40° to +80° C)
Operating	-13° to +140° F (-25° to +60° C)

Certifications	FCC, CE, RCM, ATEX, IECEx
User Interface	Bi-colour indication LED
Quantity Per Box	1 pc.
Warranty	2 years

* Depends on the operational temperatures and number of fueling operations per day.

4. Bracket Options

Nozzle Range	Nozzle P/N	Spout Diameter	Rotatable Bracket P/N	Static Bracket P/N
Elaflex ZVASL1	ER242.1	24.0 mm	FNU015-0-0-NN-00	FNU020-0-0-NN-00
Elaflex ZVASL1	ER242.2	24.0 mm	FNU015-0-0-NN-00	FNU020-0-0-NN-00
Elaflex ZVASL1	ER242.4	24.0 mm	FNU015-0-0-NN-00	FNU020-0-0-NN-00
Elaflex ZVASL1	ER242.7	24.0 mm	FNU015-0-0-NN-00	FNU020-0-0-NN-00
Elaflex ZVASL1	ER242.1T	24.0 mm	FNU015-0-0-NN-00	FNU020-0-0-NN-00
Elaflex ZVASL1	ER424.1TMV	24.0 mm	FNU015-0-0-NN-00	FNU020-0-0-NN-00
Elaflex ZVA SL2 w/o drip stop	ER042.1TMV	24.0 mm	FNU015-0-0-NN-00	FNU020-0-0-NN-00
Elaflex ZVA SL2 w/o drip stop	ER042.1	24.0 mm	FNU015-0-0-NN-00	FNU020-0-0-NN-00
Elaflex ZVA SL2 w/o drip stop	ER042.1U	24.0 mm	FNU015-0-0-NN-00	FNU020-0-0-NN-00
Elaflex ZVA SL2 w/o drip stop	ER042.7	24.0 mm	FNU015-0-0-NN-00	FNU020-0-0-NN-00
Elaflex ZVA SL2 w/o drip stop	ER042.7U	24.0 mm	FNU015-0-0-NN-00	FNU020-0-0-NN-00
Elaflex ZVA25	ER381	30.7 mm	FNU011-0-0-NN-00	FNU017-0-0-NN-00
Elaflex ZVA25	ER381.1	30.7 mm	FNU011-0-0-NN-00	FNU017-0-0-NN-00
Elaflex ZVA SL2 VR	Type 1	30.0 mm	FNU013-0-0-NN-00	FNU018-0-0-NN-00
Elaflex ZVA SL2 VR	Type 2	30.0 mm	FNU013-0-0-NN-00	FNU018-0-0-NN-00
Elaflex ZVA AdBlue	HV	30.0 mm	FNU013-0-0-NN-00	FNU018-0-0-NN-00
Elaflex ZVA AdBlue	LV	30.0 mm	FNU013-0-0-NN-00	FNU018-0-0-NN-00
Elaflex SL2 with drip stop	ER042.1TMV	30.4 mm	FNU012-0-0-NN-00	N/A
Elaflex SL2 with drip stop	ER042.1	30.4 mm	FNU012-0-0-NN-00	N/A
Elaflex SL2 with drip stop	ER042.1U	30.4 mm	FNU012-0-0-NN-00	N/A
Elaflex SL2 with drip stop	ER042.7	30.4 mm	FNU012-0-0-NN-00	N/A
Elaflex SL2 with drip stop	ER042.7U	30.4 mm	FNU012-0-0-NN-00	N/A
OPW Avance	VR	30.4 mm	FNU012-0-0-NN-00	N/A
OPW Avance	?	30.4 mm	FNU012-0-0-NN-00	N/A
OPW11	11A	20.5 mm	FNU014-0-0-NN-00	FNU021-0-0-NN-00
OPW11	11B	20.5 mm	FNU014-0-0-NN-00	FNU021-0-0-NN-00
Husky	34i	38.0 mm	N/A	FNU022-0-0-NN-00

5. Installations Instructions



Part List

- A. Static Bracket (Available in various sizes depending on the nozzle used)
- B. Base Unit
- C. 2x M5 Screws
- D. Backing plate set (2 pieces)
- E. Front Cover
- F. 4x M3 Screws
- G. Top Cover (with magnet for activation)
- H. 4x M3 Screws (short)

Instruction

Place the static bracket (A) on the nozzle, preferably as far back as possible while still allowing the backing plate (D) to be fitted behind the static bracket. The static bracket has two screws which can be removed to fit onto the nozzle spout.

Place the base unit (B) onto the fitted static bracket as well as the backing plate set (D). Use the M5 Screws (C) to fit the components together. Once the parts are fitted, place on the front cover (E) and fit the M3 screws (F). Now place the top cover (G) on to the base and fit the remaining screws (H).

6. FNU900 Low frequency Reader & Transmitter Regulatory Regulatory Information

US- FCC Warning Statement FCC ID:SL6-NUC600

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter.

FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Canada- ISED Warning statement

IC :26825-NUC600

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

1. This device may not cause interference.
2. This device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

1. L'appareil ne doit pas produire de brouillage;
2. L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

IC Radiation Exposure Statement:

This equipment complies with IC RSS-102 radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance **20cm** between the radiator & your body.

Cet équipement est conforme aux limites d'exposition aux rayonnements IC établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec un minimum de 20cm de distance entre la source de rayonnement et votre corps.

The transmitter module may not be co-located with any other transmitter or antenna.

Le module émetteur peut ne pas être complanté avec un autre émetteur ou antenne.

CAN ICES-003(B)/NMB-003(B)

Australia/ New Zealand Compliance

This product conforms to Australia and New Zealand Radio Requirements.



European Union Compliance

Conformite Européenne (European Community)



The full text of the EU declaration of conformity is available at the following internet address:
www.hidglobal/certifications

This product operates in the following frequencies:

- 432-435 MHz band with an RF output power less than 10dBm e.i.r.p

Czech

Společnost HID Global tímto prohlašuje, že toto radiové zařízení, číslo modelu FNU900, odpovídá požadavkům směrnice 2014/53/EU. Úplný text EU Prohlášení o shodě je k dispozici na následující internetové adrese: www.hidglobal/certifications

Tento výrobek používá následující frekvence:

- frekvenční pásmo 432-435 MHz, přičemž výstupní RF výkon je nižší než 10 dBm EIRP

Estonian

Käesolevaga kinnitab HID Global, et see raadioseadmestik

modelinumbriga FNU900 on vastavuses direktiiviga 2014/53/EL. Kogu EL-i vastavusdeklaratsiooni tekst on saadaval järgmisel internetiaadressil: www.hidglobal/certifications

See toode töötab järgmistel sagedustel.

• 432-435 MHz ribalaiusel raadiosagedusliku väljundvõimsusega vähem kui 10 dBm e.i.r.p.

Danish

HID Global erklærer hermed, at dette radioudstyr modelnummer FNU900 er i overensstemmelse med direktiv 2014/53/EU. Den fulde tekst i EU-overensstemmelseserklæringen kan læses her: www.hidglobal/certifications

Dette produkt fungerer ved følgende frekvenser:

• 432-435 MHz-bånd med en RF-udgangseffekt på mindre end 10 dBm e.i.r.p.

Finnish

HID Global vakuuttaa täten, että tämä radiolaite, mallinumero FNU900, vastaa direktiivä 2014/53/EU. EU-

vaatimustenmukaisuusvakuutuksen koko teksti on saatavissa seuraavasta Internet-osoitteesta: www.hidglobal/certification

Tämä tuote toimii seuraavilla taajuuksilla:

• 432-2,435 MHz:n kaista, RF-lähtöteho alle 10 dBm EIRP

German

Hiermit erklärt HID Global, dass dieses Funkgerätmodell Nr.

FNU900 der Richtlinie 2014/53/EU entspricht. Der vollständige Text der EU-Konformitätserklärung steht unter der folgenden Internetadresse zur Verfügung:

www.hidglobal/certifications

Dieses Produkt arbeitet mit den folgenden Frequenzen:

• 432-435-MHz-Band mit einer HF-Ausgangsleistung von weniger als 10 dBm EIRP

Dutch

Hierbij verklaart HID Global dat deze radioapparatuur modelnummer FNU900 in overeenstemming is met Richtlijn 2014/53/EU. De volledige tekst van de Europese conformiteitsverklaring is te vinden op de website: www.hidglobal/certifications

Dit product werkt op de volgende frequenties:

• 432-435 MHz-band met een RF-uitgangsvermogen van minder dan 10 dBm e.i.r.p.

Greek

Δια του παρόντος, η HID Global δηλώνει ότι ο παρών ραδιοεξοπλισμός με αριθμό Μοντέλου FNU900 βρίσκεται σε συμμόρφωση με την Οδηγία 2014/53/ΕΕ. Το πλήρες κείμενο της δήλωσης συμμόρφωσης για την Ευρωπαϊκή Ένωση είναι διαθέσιμο στην ακόλουθη διαδικτυακή διεύθυνση: www.hidglobal/certifications

Το παρόν προϊόν λειτουργεί στις ακόλουθες συχνότητες:

• Ζώνη των 432-435 MHz με ισχύ εξόδου ραδιοσυχνότητας (RF) μικρότερη από 10 dBm e.i.r.p. (ισοδύναμη ιστροπικά ακτινοβολούμενη ισχύς)

Maltese

Hawnhekk, HID Global tiddikjara li dan il-Tagħmir tar-Radju bin- numru tal-mudell FNU900 huwa konformi mad-Direttiva 2014/53/UE. It-test shih tad- dikjarazzjoni ta' konformità tal- UE hu disponibbli f'dan l- indirizz fuq l-Internet: www.hidglobal/certifications

Dan il-prodott jopera fil-frekwenzi li eġġin:

• 432-435 MHz band b'RF output power ta' inqas minn +10 d Bm e.i.r.p.

Swedish

Härmed intygar HID Global att denna radioutrustning modell nummer FNU900 överensstämmer med direktiv 2014/53/EU. Den fullständiga texten med intyg om överensstämmelse för EU finns på följande internetadress: www.hidglobal/certifications

Den här produkten fungerar på följande frekvenser:

- 432-435 MHz-band med en RF-ut effekt på mindre än 10 dBm e.i.r.p.

Italian

Con il presente documento, HID Global dichiara che la presente apparecchiatura radio modello FNU900 è conforme alla direttiva 2014/53/UE. Il testo completo della dichiarazione UE di conformità è disponibile su Internet al seguente indirizzo: www.hidglobal/certifications

Questo prodotto funziona alle seguenti frequenze:

- Banda a 432-435 MHz con potenza di uscita RF inferiore a 10 dBm EIRP

Slovenian

Družba HID Global izjavlja, da je ta radijska oprema, številka modela FNU900, v skladu z Direktivo 2014/53/EU. Celotno besedilo izjave EU o skladnosti je na voljo na naslednjem spletnem naslovu: www.hidglobal/certifications

Ta izdelek deluje pri naslednjih frekvencah:

- 432,435 MHz z izhodno močjo RF manj kot 10 dBm e.i.m.o. (EIRP)

French

Par la présente, HID Global déclare que cet équipement radio Modèle FNU900 est conforme à la directive 2014/53/UE. Le texte intégral de la déclaration de conformité de l'UE est disponible sur le site Internet: www.hidglobal/certifications

Ce produit fonctionne aux fréquences suivantes:

- dans la bande de 432-435 MHz avec une puissance de sortie RF inférieure à 10 dBm PIRE

Lithuanian

Šiuo „“ deklaruojama, kad šis radijo įrangos modelis HID Global lis, kurio numeris FNU900, atitinka Direktyvą 2014/53/EB. Visą ES atitikties deklaracijos tekstą galite rasti šiuo interneto adresu: www.hidglobal/certifications

Šis gaminys veikia tokiais dažniais:

- 432-435 MHz dažnio diapazonas, RD išvesties galia yra mažesnė nei 10 dBm EIRP

Slovak

Spoločnosť HID Global týmto vyhlasuje, že toto rádiové zariadenie, model FNU900, je v súlade so smernicou 2014/53/EÚ. Úplné znenie vyhlásenia o zhode so smernicami EÚ je k dispozícii na stránke: www.hidglobal/certifications

Toto zariadenie pracuje pri nasledujúcich frekvenciách:

- 432-435 MHz pásmo s RF výstupným výkonom nižším ako 10 dBm EIRP

Croatian

Ovime tvrtka HID Global izjavljuje da je ova radijska oprema model FNU900 u skladu s Direktivom 2014/53/EU. Cjelokupan tekst europske izjave o sukladnosti dostupan je na sljedećoj internetskoj stranici: www.hidglobal/certifications

Ovaj proizvod radi pri sljedećim frekvencijama:

- pri frekvenciji od 432-435 MHz s izlaznom RF snagom manjom od 10 dBm e.i.r.p

Latvian

Ar šo uzņēmums HID Global apliecina, ka šī radioiekārta, modeļa numurs FNU900, atbilst Direktīvas 2014/53/ES prasībām. Pilnu ES atbilstības deklarācijas tekstu var skatīt vietnē www.hidglobal/certifications

Šīs izstrādājums darbojas ar šādām frekvencēm:

- 432-435 MHz josla; radiofrekvences izvades jauda ir mazāka par 10 dBm (ekvivalentā izotropiskā izstarotā jauda).

Portuguese

Por este meio, a HID Global declara que este modelo de equipamento de rádio, número FNU900, está em conformidade com a Diretiva 2014/53/UE. O texto completo da declaração de conformidade da UE está disponível no seguinte endereço da Internet: www.hidglobal/certifications

Este produto opera nas frequências seguintes:

- 432-435 MHz com uma potência de saída de RF inferior a 10 dBm e.i.r.p.

Hungarian

A HID Global ezúton nyilatkozza, hogy ez az FNU900 típusszámú rádióberendezés megfelel a 2014/53/EU irányelvnek. Az EU megfelelőségi nyilatkozat teljes szövege elérhető a következő internetes címen: www.hidglobal/certifications

A termék a következő frekvenciákon üzemel:

- 432-435 MHz-es sáv, mely esetében RF kimeneti teljesítménye kevesebb, mint 10 dBm EIRP

Polish

Firma HID Global deklaruje niniejszym, że to urządzenie radiowe, model numer FNU900, spełnia wymogi określone w Dyrektywie 2014/53/UE. Pełny

tekst deklaracji zgodności UE jest dostępny pod

następującym adresem internetowym: www.hidglobal/certifications

Ten produkt działa na następujących częstotliwościach:

- w paśmie 432-435 MHz z równoważną mocą wyjściową RF wypromieniowaną izotropowo (EIRP) mniejszą niż 10 dBm

Spanish

Por la presente, HID Global declara que este equipo de radio, modelo número FNU900 cumple la Directiva 2014/53/EU. El texto completo de la Declaración de Conformidad CE está disponible en la siguiente dirección de internet: www.hidglobal/certifications

Este producto opera en las siguientes frecuencias:

- Banda de frecuencia de 432, 435 MHz con una potencia de salida de RF (PIRE) de menos de 10 dBm

hidglobal.com/solutions/fueling-automation

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