



**G R O U P**  
Creating Security Solutions  
*With Care.*

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5IN1264 D

### RTTE Compliance Statement

Risco Ltd. hereby declares that this equipment is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC. For the EC Declaration of Conformity please refer to our website: [www.riscogroup.com](http://www.riscogroup.com)



### Digi-412DTPT applicable countries (European version):

AT	BE	CY	CZ	DK
ES	FI	FR	DE	GR
HU	IE	IT	LV	LT
LU	MT	NL	PL	PT
SE	SL	ES	SK	GB
BG	RO	TR	CH	NO

### Digi-412DTPT applicable countries (German Version): AT, CZ, SL, DE, TR, RU, EE

### DigiSense FCC compliance Section (US version):

#### FCC Part 15 Note:

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.

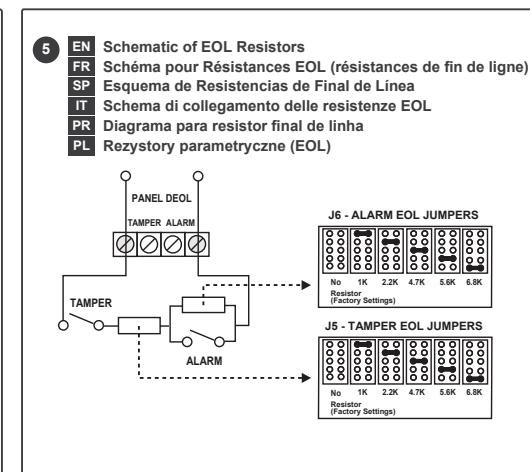
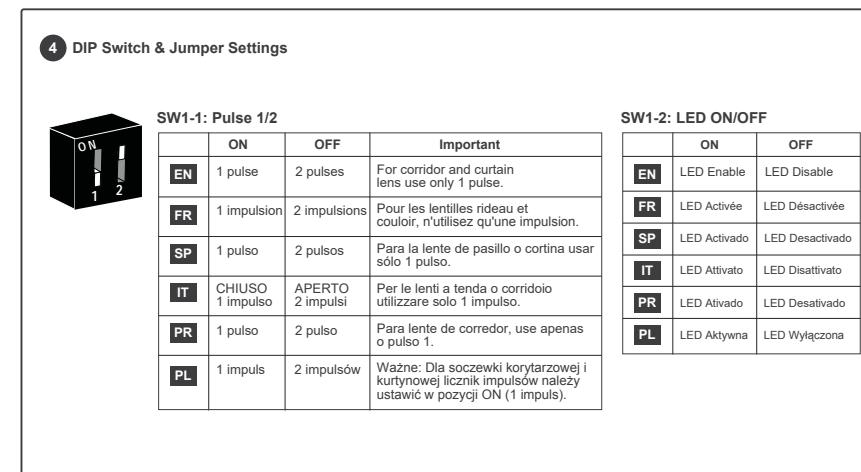
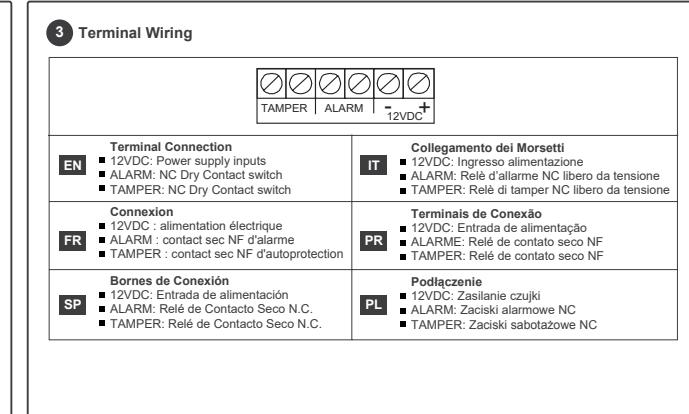
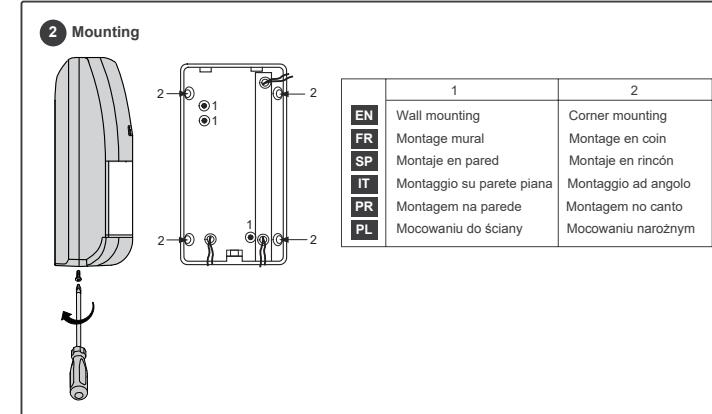
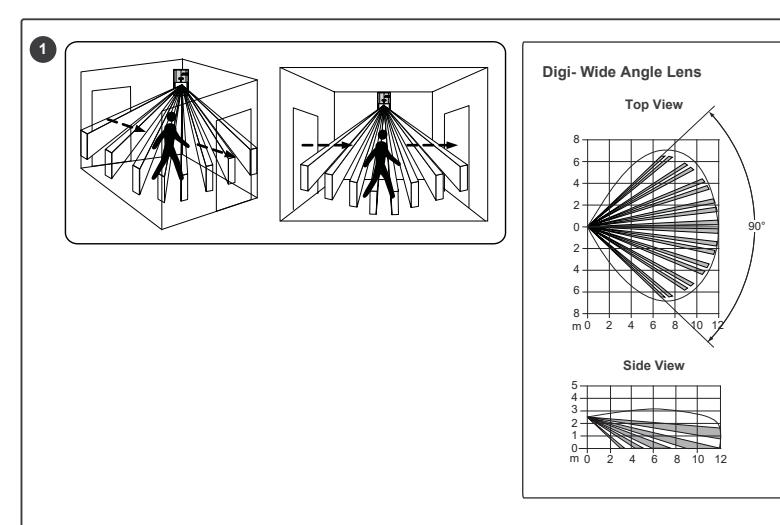
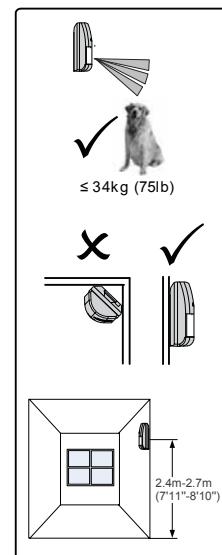
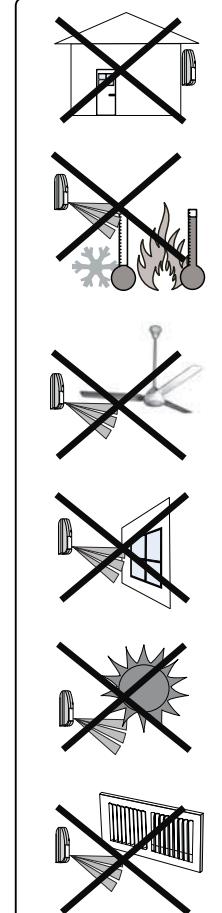
However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

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

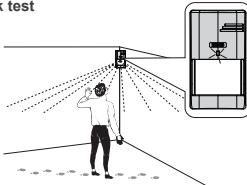
#### FCC Warning:

The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

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## 6 Walk test



### EN Walk Test

- Two minutes after applying power (warm-up period), walk test the Detector over the entire protected area to verify proper operation of the unit.
- The MW range can be adjusted by using the potentiometer located on the PCB. (See par. 7).
- It is important to set the potentiometer to the lowest possible setting that will still provide enough coverage for the inner boundary protected area.

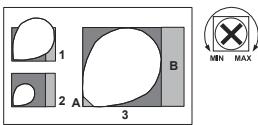
### FR Test de Marche

- Deux minutes après avoir réalisé la mise sous tension (séquence d'initialisation), faites un test de marche pour vérifier l'efficacité du détecteur sur la totalité de la zone protégée.
- La portée HF doit être réglée à l'aide du potentiomètre situé en bas du PCB. (Voir la sec. 7)
- Il est important de régler le potentiomètre sur le niveau le plus bas possible permettant de couvrir la totalité de la surface de la zone à protéger.

### SP Prueba de Detección

- Dos minutos después de dar alimentación (periodo de calentamiento), realice la prueba de detección del Detector por toda el área protegida, a fin de verificar si la unidad está funcionando correctamente.
- El alcance del MW puede ajustarse usando el potenciómetro situado en la PCB. (Ver la sec. 7)
- Es importante ajustar el potenciómetro en la regulación más baja posible que aún proporcione la cobertura suficiente en toda el área a proteger.

## 7 Microwave Adjustment



	1	2	3	A	B
EN	Over power	Under power	Correct adjustment according to room size	Detector	Corridor
FR	Trop puissant	Pas assez puissant	Ajustement correct pour la taille de la pièce	Détecteur	Couloir
SP	Potencia excesiva	Potencia Insuficiente	Ajuste correcto en función del tamaño de la habitación	Detector	Pasillo
IT	Troppo	Poco	Regolazione corretta in base alla dimensione della stanza	Rivelatore	Corridoio
PR	Alto Alcance	Baixo Alcance	Ajuste Correto de acordo com o tamanho do quarto	Detector	Corredor
PL	Ustawiony zbyt duży zasięg mikrofal	Ustawiony zbyt mały zasięg mikrofal	Ustawienie zasięgu mikrofali odpowiednie do wielkości pomieszczenia	Czujka	Korytarz

## Ordering part numbers

Part / Model number	Description
Digi-412DTPT	DigiSense DT PET 12m

## Group Limited Warranty

Group and its subsidiaries and affiliates ("Seller") warrants its products to be free from defects in materials and workmanship under normal use for 24 months from the date of production. Because Seller does not install or connect the product and because the product may be used in conjunction with products not manufactured by the Seller, Seller cannot guarantee the performance of the security system which uses this product. Seller's obligation and liability under this warranty is expressly limited to repairing and replacing, at Seller's option, within a reasonable time after the date of delivery, any product not meeting the specifications. Seller makes no other warranty, expressed or implied, and makes no warranty of merchantability or of fitness for any particular purpose.

In no case shall seller be liable for any consequential or incidental damages for breach of this or any other warranty, expressed or implied, or upon any other basis of liability whatsoever.

Seller's obligation under this warranty shall not include any transportation charges or costs of installation or any liability for direct, indirect, or consequential damages or delay. Seller does not represent that its product may not be compromised or circumvented; that the product will prevent any personal injury or property loss by burglary, robbery, fire or otherwise; or that the product will in all cases provide adequate warning or protection. Seller, in no event shall be liable for any direct or indirect damages or any other losses occurred due to any type of tampering, whether intentional or unintentional such as masking, painting or spraying on the lenses, mirrors or any other part of the detector. Buyer understands that a properly installed and maintained alarm may only reduce the risk of burglary, robbery or fire without warning, but is not insurance or a warranty that such event will not occur or that there will be no personal injury or property loss as a result thereof.

Consequently seller shall have no liability for any personal injury, property damage or loss based on a claim that the product fails to give warning. However, if seller is held liable, whether directly or indirectly, for any loss or damage arising under this limited warranty or otherwise, regardless of cause or origin, seller's maximum liability shall not exceed the purchase price of the product, which shall be complete and exclusive remedy against seller.

No employee or representative of Seller is authorized to change this warranty in any way or grant any other warranty.

**WARNING:** This product should be tested at least once a week.

### IT Prova Di Movimento

- Dopo aver atteso un periodo di riscaldamento di 2/3 minuti dall'alimentazione, effettuare la prova di copertura del rivelatore. Muoversi all'interno dell'area da proteggere e verificare che l'unità si attivi correttamente.
- La portata della microfala può essere regolata mediante il potenziometro situato nella parte inferiore della scheda elettronica. (Vedi la sez. 7)
- È importante regolare il potenziometro al minimo e successivamente vararlo per garantire sufficiente copertura per tutta l'area da proteggere. In ogni caso il potenziometro va tenuto al valore minimo possibile.

### PR Teste De Caminhada

- Dois minutos depois ligar a alimentação (período de aquecimento), caminhe para testar o Detector através de toda a área protegida para verificar a correcta operação da unidade.
- O alcance de MO pode ser ajustado usando o potenciômetro, que está localizado ao fundo do PCB. (Veja a seção 7)
- É importante colocar o potenciômetro na configuração mais baixa possível, porque seja o suficiente para cobrir toda a área protegida.

### PL Test

- Przed rozpoczęciem testowania zainstaluj pokrywy czujki. Włącz zasilanie czujki i odczekaj około 2 minuty, aby czujka ustabilowała się. Przechodź po chronionej przestrzeni i obserwuj, czy dioda LED potwierdza prawidłowe działanie czujki na całym żądaniu obszaru.
- Zasięg mikrofali MW może być regulowany przy pomocy potencjometru znajdującego się na płycie PCB. (Patrz rozdział 7)
- Ważne jest, aby potencjometr ustawić na najmniejszy możliwy zasięg mikrofali gwarantując prawidłową pracę czujki wewnątrz chronionego obszaru. Zasięg mikrofali nie może być większy niż żądany obszar chroniony.

## LEDs Display

EN	FR	SP	IT	PR	PL	
LED	LED	LED	LED	LED	LED	
ORANGE	Indicates PIR detection	ORANGE	Indique détection IP	NARANJA	Indica detección del PIR	
GREEN	Indicates MW detection	VERTE	Indique une détection HF	VERDE	Indica detección del MW	
RED	Indicates ALARM	ROUGE	Indique une alarme (détection simultanée IP et HF)	LED ARANCIONE	Indica rivelazione canale infrarosso	
				LED VERDE	Indica rivelazione canale microonda	
				LED ROSSO	Indica l'allarme (detection simultanea del canale infrarosso e di quello microonda)	
					O LED LARANJA	Indica detecção do IP
					O LED VERDE	Indica detecção no canal de MO
					ZIELONY	Oznacza detekcję w kanale MW
					CZERWONY	Oznacza ALARM

## EN Technical Specifications

412DTPT	
Coverage	12m x 12m
Installation height	2.4-2.7m
Pet Immunity	34Kg
Operating voltage	9 to 16 VDC
Current consumption	12mA at 12V
Alarm and Tamper contacts	0.1A, 24V, NC
Optical filtering	White light protection, pigmented lens
Operating temperature	-20° to +55°C
Storage temperature	-20° to +60°C
Dimensions	106 x 60 x 47mm

## FR Spécification techniques

412DTPT	
Couverture	12m x 12m
Hauteur d'installation	2.4-2.7m
Immunité aux animaux	34Kg
Tension d'alimentation	9 à 16 VCC
Consommation électrique	12mA à 12V
Contacts d'alarme / d'autoprotection	0.1A, 24V, NC
Filtrage	Protection aux lumières blanches, lentilles pigmentées
Température de fonctionnement	-20° à +55°C
Température de stockage	-20° à +60°C
Dimensions	106 x 60 x 47mm

## SP Especificaciones Técnicas

412DTPT	
Cobertura	12m x 12m
Altura de Instalación	2.4-2.7 m
Umbral Anti-Mascotas	34Kg
Voltaje	9 a 16 Vcc
Consumo de corriente	12mA a 12V
Contactos de Alarma y Tamper	0.1A, 24V, NC
Filtro óptico	Protección luz blanca, lente pigmentada
Temperatura de funcionamiento	-20° a +55°C
Temperatura de almacenamiento	-20° a +60°C
Dimensiones	106 x 60 x 47mm

## IT Specifiche Tecniche

412DTPT	
Copertura	12m x 12m
Altura de Instalación	da 2.4 a 2.7m
Soglia immunità animali (Pet)	34Kg
Tensione nominale di alimentazione	da 9 a 16 Vcc
Assorbimento massimo di corrente	18mA a 12V
Contatti d'allarme / tamper	0.1A, 24V, NC
Filtro Ottico	Lenti pigmentate, protezione luci bianche
Temperatura di funzionamento	da -20° a 55°C
Temperatura di stoccaggio	da -20° a 60°C
Dimensioni	106 x 60 x 47mm

## PR Especificações Técnicas

412DTPT	
Cobertura	12m x 12m
Altura de instalación	2.4-2.7 m
Límite de imundade contra animais	34Kg
Tensão de operação	9 até 16 VDC
Consumo de corrente	12mA em 12V
Contatos de alarme / Tamper	NC 24V 0.1A
Filtragem	Lentes pigmentadas para Proteção contra luz branca
Temperatura operacional	-20° to +55°C
Temperatura de armazenamento	-20° to +60°C
Dimensões	106 x 60 x 47mm

## PL Specyfikacja Techniczna

412DTPT	
Zasięg	12m x 12m
Wysokość instalacji	2.4-2.7 m
Odporność na zwierzęta	34Kg
Zakres napięć zasilających	9 do 16 VDC
Podr prądu	12mA przy 12V
Zaciaski ALARM i TAMPER	0.1A, 24V, NC
Filtр оптический	Filtр света белого, барвоня софокула
Temperatura pracy	-20° to +55°C
Temperatura składowania	-20° to +60°C
Wymiary	106 x 60 x 47mm

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