

# Operator Visio

CE Certificate



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06	04/11/2013	Information update	Francesca Martínez	Josep M <sup>a</sup> Guilera

	<b>OPERATOR VISIO</b>	Ref.: <b>D00107</b>	PCOT05-1/0/00
		Rev.: <b>06</b>	
<b>CE Certificate</b>		Page <b>3</b> of <b>14</b>	

## 1 Legal and regulatory requirements

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The european directives and the respective standards that apply to the Operator Visio are as follows:

- **2006/95/CE. Low Voltage Directive:**
  - EN 60335-1
- **2004/108/CE. EMC Directive:**
  - EN 61000:3-2.
  - EN 61000:3-3.
  - EN 61000-6-2.
  - EN 61000-6-3.
- **2006/42/CE. Machinery Directive:**
  - EN ISO 12100-1.
  - EN ISO 12100-2.
  - EN ISO 13857.
  - EN ISO 14121-1.
  - EN ISO 13849-1.
  - EN ISO 13849-2.
  - EN 1037.
- **305/2011/CE. Construction Products Regulation:**
  - UNE-85121

	<b>OPERATOR VISIO</b>	Ref.: <b>D00107</b>	PCOT05-1/0/00
		Rev.: <b>06</b>	
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## 2. Test

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In Manusa, we manufacture our products following a process of inherently safety design, taking measures to eliminate any risk of the useful life of our machines and following the principles of safety in the following order :

- Delete or reduce risks in the stages of design and manufacturing to the extent possible.
- Incorporate the necessary measures of risk protection.
- Inform the interested parties that, despite the protection measures taken, was not possible to completely eliminate residual risks.


**2.1. Low Voltage Directive****Compliance Laboratory.**

IDNEO TECHNOLOGIES S.L.  
Poligon Industrial Can Mitjans s/n  
08232 Viladecavalls - Barcelona - Spain


Telephone +34937008178  
Fax +34937008168

**PRODUCT:** OPERATOR FOR POWERED  
PEDESTRIAN DOORS  
**MANUFACTURER:** MANUSA DOOR SYSTEMS  
**MODEL:** Visio  
**STANDARD:** IEC / EN 60335-2-103  
**TEST REPORT ID.** 2013014

Commercial-in-confidence

  
Javier Moreno  
2013.11.05  
11:19:46  
+01'00'

Javier Moreno  
Testing engineer

  
Carlos Navarro  
2013.11.05  
16:43:32  
+01'00'

Carlos Navarro  
Head of Safety Laboratory

**2.2. EMC Directive**



<b>CERTIFICATE N°:</b> CER_2011234	<b>COMPLIANCE LABORATORY</b> IDNEO Technologies S.L. Pol. Ind. Can Mitjans S/N 08232 Viladecavalls Barcelona Spain Tf: +34937008178 Fax:+34937008168	<b>Date:</b> 28/09/2011
<b>PRODUCT:</b> Automatic pedestrian door operator	<b>PETITIONER:</b> MANUSA	
<b>MODEL:</b> VISIO	<b>ADDRESS:</b> Ctra. El Pla de Santa Maria, 235-239 - Pol. Ind. de Valls 43300 Valls – Tarragona	
<b>MANUFACTURER:</b> MANUSA		
<b>DIRECTIVE:</b> Directive 2004/108/EC relating to electromagnetic compatibility.		
<b>1 OBJECT</b>  The objective is to verify that the equipment under test (hereinafter EUT), automatic pedestrian door operator model VISIO manufactured by MANUSA, meets the following standards: EN61000-6-2:2005 EN61000-6-3:2007 EN61000-3-2:2006 EN61000-3-3:2008		
<b>2 TEST RESULTS</b>  Once the appropriate tests have been performed, we CERTIFY that the EUT complies with the standards stated in clause 1 Object.		
<b>3 COMPETENCIES</b>  The Compliance laboratory of IDNEO Technologies, S.L. is accredited by ENAC (Entidad Nacional de Acreditación) for EMC testing, according to the accreditation number 827/LE1882.  The results of this certificate apply only to the tested sample		
<b>EDITED BY:</b>  <b>David Ortiz</b> Head of EMC Laboratory	<b>APPROVED BY:</b>  <b>Xavier Cels</b> Compliance Laboratory Manager	

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<b>CERTIFICATE N°:</b> CER_2011234	<b>DATE:</b> 28/09/2011	<b>PAGE:</b> 1 of 1
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## 2.3. Construction Products Regulation

Campus de la UAB  
Apt. Correos 18  
08193 Bellaterra  
T +34 93 567 20 00  
F +34 93 567 20 01  
ctc@appluscorp.com  
www.applus.com



CONFORMIDAD DEL PRODUCTO AL CTE

Nº 10/101389-750

### DOCUMENTO DE CONFORMIDAD TÉCNICA DE LA EXIGENCIA BÁSICA DEL CTE

#### PRODUCTO

Puerta Automática Peatonal MANUSA con OPERADOR VISIO, de dimensiones de hoja totales 1480 x 2800 mm (Altura x Anchura) en los siguientes sistemas de carpintería:

- 1- Carpintería Corredera Abatible, de 2 hojas centrales correderas
- 2- Carpintería Corredera con Sistema CO48, de 2 hojas centrales correderas

El producto arriba indicado cumple con el CTE, Parte II, en su Documento Básico "DB SI Seguridad en caso de Incendio", sección SI3, apartado 6, número 5, modificación definida en el Real Decreto 173/2010, de 19 de febrero, por el que se modifica el Código Técnico de la Edificación, aprobado por el Real Decreto 314/2006, de 17 de marzo, en materia de accesibilidad y no discriminación de las personas con discapacidad:

"Las puertas peatonales automáticas dispondrán de un sistema que en caso de fallo en el suministro eléctrico o en caso de señal de emergencia, cumplirá las siguientes condiciones, excepto en posición de cerrado seguro:

- a) Que, cuando se trate de una puerta corredera o plegable, abra y mantenga la puerta abierta o bien permita su apertura abatible en el sentido de la evacuación mediante simple empuje con una fuerza total que no exceda de 220 N. La opción de apertura abatible no se admite cuando la puerta esté situada en un itinerario accesible según DB SUA."

#### FABRICANTE

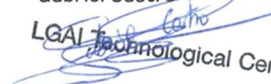
MANUSA DOOR SYSTEM, S.L.  
Avda. Via Augusta 71-73, 4º  
08174 Sant Cugat del Valles.  
Barcelona (España)

*Este Documento tiene trazabilidad directa con el informe de ensayo nº 10/101389-750 de Applus+ LGAI Technological Center, emitido en fecha del 15 de abril del 2010, donde se detalla el alcance y los resultados de los ensayos. La validez de dicha conformidad está sujeta a la invariabilidad de posibles cambios normativos que pudieran ocurrir en el CTE a partir de la fecha de emisión.*

Bellaterra, 15 de abril de 2010

Responsable de Herrajes y Cerramientos  
LGA I Technological Center S.A.

Gabriel Castro



LGA I Technological Center, S.A.



## 2.4. Endurance



the standard in safety

Underwriters  
Laboratories

N° de Proyecto: 10CA48142  
N° de Informe: SV18079  
Fecha de Emisión: 2010/10/08

Emitido para: **MANUSA**  
CTRA. PLA DE STA. MARIA, 235-239  
POL. IND. VALLS  
VALLS  
43800 - VALLS (TARRAGONA, ESPAÑA)

Certificamos que: **El OPERADOR de Puertas Automáticas**  
**Modelo VISIO**

Ha superado satisfactoriamente la Prueba de Endurance  
(2.500.000 ciclos), bajo la supervisión de Underwriters  
Laboratories Iberica, S.L., y efectuada de acuerdo con la  
Instrucción Técnica indicada en el presente Certificado.

Instrucción Técnica: **M00001 (rev. 01, 2009/10/19) de MANUSA**

Información Adicional: **Véase Informe de Pruebas SV18079**

**The issuance of this certificate in no way implies Listing, Classification or Recognition by UL and does not authorize the use of UL Listing, Classification or Recognition Marks or any other reference to UL on or in connection with the product. You cannot use this test data or UL's name or marks in connection with any product, packaging, advertising, promotion or marketing without UL's prior written permission.**

Emitido por:

**Joaquim Arissó**

Joaquim Arissó  
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Revisado por:

**Ramon Puerta**

Ramon Puerta  
Area Manager  
Department: 9056XBAR  
E-mail: ramon.puerta@es.ul.com

**2.5. Functionality****TÜVRheinland®****TEST CERTIFICATE****manusa**   
Puertas automáticas**MANUSA DOOR SYSTEMS****Powered pedestrian doorsets for operating rooms and clean rooms**Model: **VISIO HERMÉTICO**  
Leaf model: P-50  
Leaf weight: 200 Kg.  
Serial N°: GIEL010412160041Model: **VISIO HERMÉTICO**  
Leaf model: P-50  
Leaf weight: 90 Kg.  
Serial N°: GIEL010412160040

The proof of these doors has been carried out by the undersigned technician belonging to TÜV Rheinland Ibérica Inspection, Certification & Testing, S.A., as Lead Independent Inspection according to their training and their powers, on the date indicated.

El Prat de Llobregat, January 8th 2013



David Rodríguez Carballas

**TÜVRheinland®****TEST CERTIFICATE****manusa**   
Puertas automáticas**MANUSA DOOR SYSTEMS****Powered pedestrian doorsets**

Model: **VISIO**  
Leaf model: P-50  
Leaf weight: 2x124 Kg.  
Serial N°: GIEL01030400054

The proof of these doors has been carried out by the undersigned technician belonging to TÜV Rheinland Ibérica Inspection, Certification & Testing, S.A., as Lead Independent Inspection according to their training and their powers, on the date indicated.

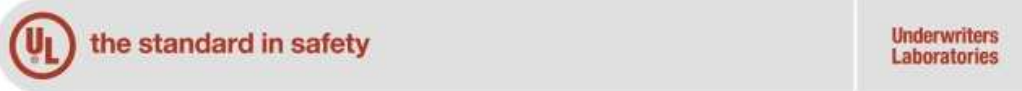
El Prat de Llobregat, January 8th 2013



The image shows a blue ink signature of David Rodríguez Carballas over a circular blue stamp. The stamp contains the TÜV Rheinland logo and the number 07183.

David Rodríguez Carballas

## 2.6. Conformity vs UNE 85121



Project No.: 10CA61442  
Report Reference: SV18079/2011  
Issue Date: 2011/02/15

Issued to: **MANUSA**  
Av. Via Augusta, 85-87, 6ª planta  
08174 – Sant Cugat del Vallès  
SPAIN

This is to certify that: The management system from Manusa is in agreement with the standard **UNE 85121 EX "Automatic pedestrian doors. Installation, use and maintenance"**, and complies with the operations related to their use and maintenance, as well as with their periodicity, operations to be performed as per the instructions detailed in the "User Manual" delivered by the manufacturer or by the installation company.

Technical Instruction: User Manual from MANUSA

Additional Information: See Test Report SV18079/2011

The issuance of this certificate in no way implies Listing, Classification or Recognition by UL and does not authorize the use of UL Listing, Classification or Recognition Marks or any other reference to UL on or in connection with the product. You cannot use this test data or UL's name or marks in connection with any product, packaging, advertising, promotion or marketing without UL's prior written permission.

Issued by:



Joaquim Arissó

Joaquim Arissó  
Field Representative  
Department: 9056XBAR  
E-mail: joaquim.arisso@es.ul.com

Reviewed by:



Ramon Puerta

Ramon Puerta  
Area Manager  
Department: 9056XBAR  
E-mail: ramon.puerta@es.ul.com

2.7 Conformity vs EN ISO 13849



**Confirmation of Conformity**

**Nr. : 33219209/11**

**TÜV Rheinland Ibérica  
Inspection, Certification and Testing, S.A.**

confirm that the following product :

<b>Type :</b>	DRIVE FOR POWERED PEDESTRIAN DOORSETS
<b>Model :</b>	VISIO
<i>manufactured by :</i>	<b>MANUSA DOOR SYSTEMS</b> Av. Vía Augusta, 85-87, 6ª planta 08174 Sant Cugat del Vallès (Spain)

Has been tested according to the following standards :

**UNE-EN ISO 13849-1/2.** (Performance Level "d")

The above mentioned product complies with the requirements specified in this standard.



Barcelona, 20.04.2012  
Pilar Pinilla  
Dept. Control Quality

This Confirmation enables to mark the product with the standard designation, but does not enable to use marks related with TÜV Rheinland Group on the product or packaging.

**Manufacturer:** MANUSA FACTORY

**Address:** Av. Vía Augusta, 85-87, 6ª planta  
08174 – Sant Cugat del Vallès  
Barcelona, España  
Tel 902 321 400  
Fax 902 321 450  
www.manusa.com

**Product:** **Operator Visio.** Operator for powered pedestrian doors.

**Models:** **Visio, Visio Hermético**

By this document we declare, under our responsibility, that the products listed and referenced comply with the following European Directives:

**2006/42/CE:** Machinery Directive.  
**305/2011/CE:** Construction Products Regulation.  
**2004/108/CE:** Electromagnetic Compatibility Directive.  
**2006/95/CE:** Low Voltage Directive.

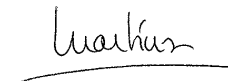
It has also implemented the following harmonized standards and technical specifications:

**EN 16005**  
**UNE 85121**  
**EN 60335-1**  
**EN 61000: 3-2 / 3-3 / 6-2 / 6-3**  
**EN ISO 13849-1 / 2**  
**EN ISO 12100-1 / 2**  
**EN ISO 13857**  
**EN ISO 14121-1 / 2**  
**EN 1037**  
**EN 10327**

CE Marking is included in the product to indicate conformity with the essential requirements of the directives that apply. This Declaration of conformity means that the installation and put in service of the machine has been made in accordance with the installation instructions, operating and maintenance manual.



Josep Mª Guilera  
General Manager



Francesca Martínez  
Product Standardization

Sant Cugat del Vallès, april 2010