Specifications for the Power Platform labels for M4 Nexa

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1. Purpose

The purpose of this document is to describe the regulatory labels on power wheelchair M4 Nexa with the Power Platform electrical system.

2. General label information

Permobil proposes that the content on the labels are the same for all regions. For example, that will result in FCC information will be included on a PWC in Europe but that should not be an issue, since it would simplify the design of the labels if the content is the same for all PWC and all regions. For compatibility and ease of future use in production, Permobil has decided to use a data matrix for scanning purposes.

A component is not classified as a medical device, which means that labels on components do not require a Global Trade Item Number (GTIN). The GTIN is referred to in a data matrix or barcode by using the GS1 Application Identifier (01). However, there are currently no requirements to follow GS1 standards for creating the Power Platform labels. Therefore, it has been decided that the labels listed in this document will only loosely follow the GS1 standards. **Note: the format of the human readable date can differ from the format used on the data matrix.**

Label requirement:

Size of data matrix (2D code): 10-15 mil (at 24x24, this will be 6.1mm - 9.14mm not including a 1mil quiet space around the barcode)
Size of text on label: No smaller than 1mm in height – up to 3mm for larger header type info.
Resolution on printer: 200-300dpi (if 200 then 15mil, if 300 then 10mil is possible — allows for 3 pixels per square area)

The label needs to pass testing according to IEC 60601-1 section 7.1.3:
"Markings are rubbed by hand, without undue pressure, first for 15 s with a cloth rag soaked with distilled water, then for 15 s with a cloth rag soaked with methylated spirit and then for 15 s with a cloth rag soaked with isopropyl alcohol."

Explanation of pre-defined descriptions in the formatting:

N=Digit depending on device,
X=Letter depending on device or version,
YYYY-MM-DD=format for the human readable date (ISO standard),
YYMMDD=format for the date in the data matrix,
Other letters are pre-defined letters

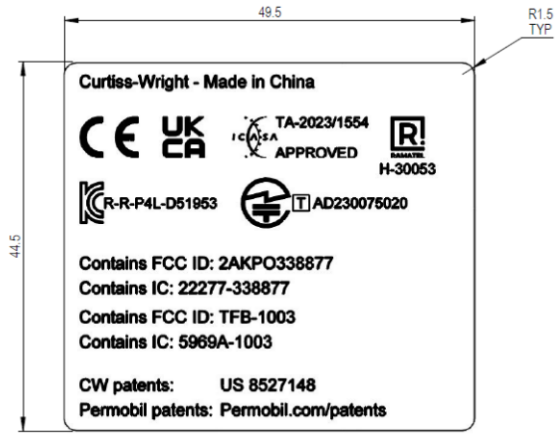
Data matrix

The data matrix should be created using GS1 Application Identifiers (GS1 AI), see chapter 3.2 in
https://www.gs1.org/sites/default/files/docs/barcodes/GS1_General_Specifications.pdf
(Release 21.0.1, Ratified, Jan 2021)
The data matrix must be one string without line breaks.
The order of the information must start with lowest GS1 AI and entered in numerical order with the highest GS1 AI last.

3. Regulatory labels on the Power Platform module (PPM)

The regulatory labels will contain information that is general to a particular part number of the Power Platform module (PPM). The regulatory label design is given by document ID: PRD-0093799 provided by Curtiss-Wright.

Label content – Global

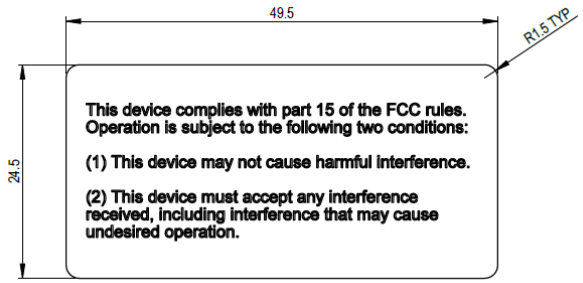


Size of label: 49.5x44.5mm with 1.5mm radii

Heading/Description	GS1 AI	Format	Example	Include in data matrix?	Required by	Comment
Manufacturer	N/A	Curtiss-Wright	Curtiss-Wright	No	Customs	
Location of manufacture	N/A	Made in China	Made in China	No	Customs	
FCC IDs	N/A	See example	2AKPO338877	No	FCC (radio certification)	FCC ID of PP
IC IDs	N/A	See example	22277-338877	No	IC (radio certification)	IC ID of PP
CW patents	N/A	US 8527148	Same as format	No	CW	
Permobil patents	N/A	http://www.permobil.com/patents	Same as format	No	Permobil	
CE logo for countries covered by RED	N/A	CE symbol	CE	No	CW	RED refers to Radio Equipment Directive
UKCA logo for UK	N/A	Logo/Symbol according to information from test institute	UKCA	No	Radio certification UKCA	
Ramatel logo and certification number for Argentina	N/A	Logo/Symbol and number according to information from test institute	H-30053	No	Radio certification Ramatel	
KC logo and certification number for South Korea	N/A	Logo/Symbol and number according to information from test institute	R-R-P4L-D51953	No	Radio certification KC	
ICASA logo and certification number for South Africa	N/A	Logo/Symbol and number according to information from test institute	TA-2023/1554 APPROVED	No	Radio certification ICASA	
MIC logo and certification number for Japan	N/A	Logo/Symbol and number according to information from test institute	AD230075020	No	Radio certification MIC	

FCC part 15 compliance

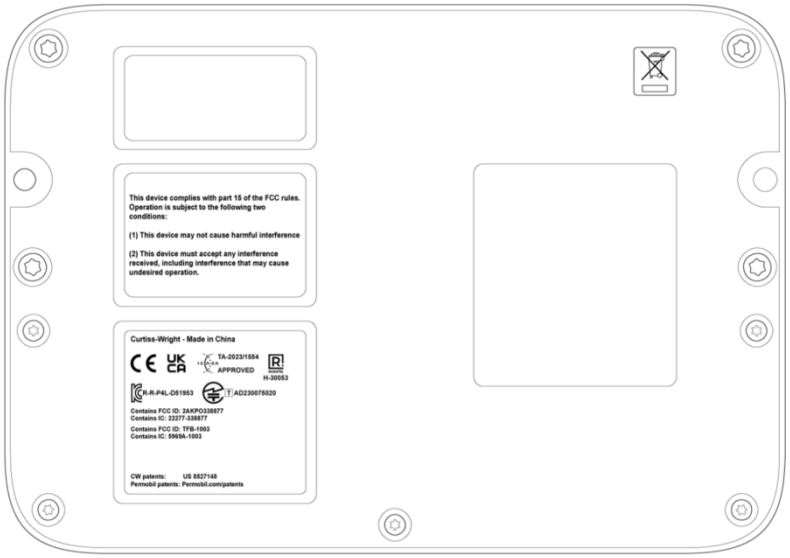
In accordance with **47 CFR § 15.19**, the power platform module is directly marked with the full FCC Part 15 compliance statement as shown below.



Size of label: 49.5x24.5mm with 1.5mm radii

Label placement

Placement of the regulatory labels on the power platform module according to picture below:



4. Document history

Version	Date	Change	Issued by
1	2026-09-01	1st version – based on PD10777 this version has been created to specifically cover the M4 Nexa wheelchair due to its location of cellular antenna relative user.	Hampus Bergh

This is a representation of an electronic record that was signed electronically and this page is the manifestation of the electronic signatures.

Signatory Table

Action Name	User Name	Title	Signature Date
Send for Review (Written By)	Hampus Bergh	Technical Product Lead	08-Sep-2026 13:34
Review	Per Larsson	Technical Product Lead	08-Sep-2026 14:14
Send for Approval	Per Larsson	Technical Product Lead	08-Sep-2026 14:16
Approve	Johan Wängdahl	Director Electronics & Embedded Software Development	08-Sep-2026 15:37

* Datetime fields are displayed according to the system time zone: (GMT+02:00) Central European Summer Time (Europe/Paris)