PayCert
48 rue Montmartre
75002 Paris
France

Paris, 31 March 2025

FEIG ELECTRONIC GmbH
Industriestrasse 1a,
35781 Weilburg,
GERMANY

ISO/IEC TS 24192 Compliance Certificate - PCD

A Smart Ticketing Alliance certification program

Certificate Number:	**CNAPC/PCD-00049**
Product/System name:	cVEND plug II (commercial identification)
Compliant with :	ISO/IEC TS 24192-1:2021
PT reader type :	IFM Reader (up to 4cm)
Operational temp. range :	Class D

Dear Customer,

The Certification Body PayCert has received a request, submitted by FEIG ELECTRONIC GmbH, your company, for the Certification of the PCD product cVEND plug II (PCD Hardware version: FE1141, PCD Software version: feclr 03.02.00), hereafter referred to as the Product and identified above as “cVEND plug II”.

In connection with your request, we have received your Implementation Conformance Statement (ICS), referred to as PAY.FGE.PCD.ISO24192.2021.2025-005 dated 2025/03/25 and we have assessed your Test Report(s) (ref. IC.E.RE.2502.013 V1.0 (Analog), IC.E.RE.2502.014 V1.0 (Digital)), which was generated by ICUBE TESTING CENTER, following the Test Plan “ISO/IEC TS 24192-2:2021”.

Based on these elements, as indicated in PayCert’s Certification Report (ref. CER/EVR/PCD/2025-045 v1.0.0) the Certification Body has found reasonable evidence that the submitted samples of the Product complies to the ISO/IEC TS 24192-1:2021 specification.

The Certification Body hereby grants the Product Certification of compliance with the requirements stated by the ISO/IEC TS 24192 standard and will include your Product in the certified products list, published on PayCert website (www.cna-paycert-certification.com).

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Please note that the present Certification (ref. CER/CLE/PCD/2025-054 v1.0.0) is subject to the following terms and conditions as listed hereafter :

i) The present Certification is granted on the basis of the Smart Ticketing Alliance Certification Policy and therefore is valid as of today and will expire on the 30 March 2032.

ii) If the Product is changed, FEIG ELECTRONIC GmbH must notify the Certification Body of this fact in writing. Any change in the Product that may generate a different behaviour with respect to the ISO/IEC TS 24192 standard or a difference in the Product Implementation Conformance Statement will be considered a major modification subject to a new evaluation in order to maintain the present Certification.

iii) The present Certification granted to FEIG ELECTRONIC GmbH for the above referenced Product is non-transferable to any other vendor.

The Certification Body has the right to terminate or revoke the Certification should any of the aformentionned terms and conditions be not respected.

FEIG ELECTRONIC GmbH, Certificate Number: CNAPC/PCD-00049

Laurence Masson

Signature numérique de Laurence Masson
Date : 2025.03.31 09:51:45 +02'00'

Name: Laurence Masson

Title: Chief Operating Officer

cofrac
CERTIFICATION DE PRODUITS ET SERVICES
Accréditation n°5-0673
Portée disponible sur www.cofrac.fr

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Extract of ICS

a. PCD Product Description

[PCD1] Administrative data

[PCD1.1] (*) Brand name: FEIG ELECTRONIC GmbH

[PCD1.2] (*) Trade name: cVEND plug II

[PCD1.3a] (*) PCD Hardware version: FE1141

[PCD1.3b] (*) PCD Software version: feclr 03.02.00

[PCD1.4] (*) Reference of the contactless reader: cVEND plug II

[PCD1.4a] (*) Hardware version of the contactless reader: FE1141

[PCD1.4b] (*) Software version of the contactless reader: feclr 03.02.00

[PCD1.5] (*) Reference of the antenna module (if not fully integrated): fully integrated

[PCD1.6] (*) EMVCo Contactless Approval number (if applicable): 18644 1223 310 31a 31a FIME

[PCD1.7] (*) Hardware provided to the test Laboratory :

Reader module to to be integrated in a final product

~~Part of the final product~~

~~Final product~~

The PCD is based on a STA certified PCD (*): NO

If yes STA PCD certificate number (*): N/A

If yes rationale to justify the delta-certification (*): N/A

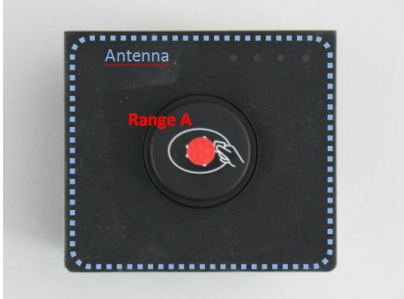
b. PCD General Technical Characteristics

[PCD2.1] (*) PT Reader Type: IFM reader – up to 4 cm

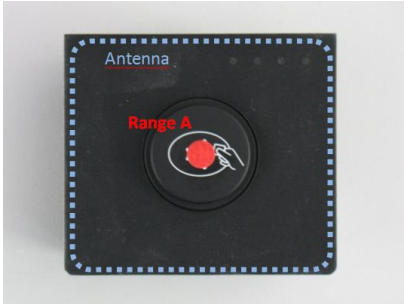
[PCD2.2] (*) Transaction supported when more than one PICC in the field: NO

[PCD2.3] (*) Operational temperature range supported: Class D

[PCD2.6] (*) Reference of the PCD Zero Point – Range A (target ID marked on sample or photo or diagram)



[PCD2.9] (*) Reference of the PCD Zero Point – Range B (target ID marked on sample or photo or diagram)



Range B = Range A

c. PCD Supported Options

[PCD3] Protocol characteristics

[PCD3.1] (*) Other supported communication signal interface(s) or protocol(s): /

[PCD4] Type A

[PCD4.1] (*) PCD -> PICC bit rates supported: fc/128 (~106 kbit/s)

Other:

[PCD4.2] (*) PICC -> PCD bit rates supported: fc/128 (~106 kbit/s)

Other:

[PCD5] Type B

[PCD5.1] (*) PCD -> PICC bit rates supported: fc/128 (~106 kbit/s)

Other:

[PCD5.2] (*) PICC -> PCD bit rates supported: fc/128 (~106 kbit/s)

Other:

d. PCD Test Parameters

[PCD6] Test parameters

[PCD6.2c] (*) PCD internal output buffer size (used for Maximum size of UT_APDU): 65545 Bytes

[PCD6.2d] (*) PCD internal input buffer size (used for Max size of response UT_APDU): 65545 Bytes