



IECEx Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification System for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.:	IECEx EXV 25.0049X	Page 1 of 4	Certificate history:
Status:	Current	Issue No: 0	
Date of Issue:	2026-06-11		
Applicant:	Flintec Group AB Caxton House, Caxton Place Cardiff CF23 8HG United Kingdom		
Equipment:	Load cell PC22		
Optional accessory:	None		
Type of Protection:	Ex mc		
Marking:	Ex mc IIC T4 Gc Ex mc IIIC T ₂₀₀ 78°C Dc Ta = -40 °C to +60 °C		

Approved for issue on behalf of the IECEx
Certification Body:

Anoop Chandrahasan MSc CEng MIET

Position:

Operations Manager - Product Certification

Signature:
(for printed version)

Date:
(for printed version)

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting www.iecex.com or use of this QR Code.



Certificate issued by:

ExVeritas Limited
Units 16-18 Abenbury Way
Wrexham Ind. Est.
Wrexham LL 139UZ
United Kingdom





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Manufacturer: **Flintec Group AB**
Caxton House, Caxton Place
Cardiff CF23 8HG
United Kingdom

Manufacturing
locations: **Flintec Group AB**
Caxton House, Caxton Place
Cardiff CF23 8HG
United Kingdom

Flintec Transducers (Pvt.) Ltd
PO Box 24
Spur Rd 2
Phase 1
KEPZ
Katunayake
Sri Lanka

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended

STANDARDS :

The equipment and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards

IEC 60079-0:2017 Explosive atmospheres - Part 0: Equipment - General requirements
Edition:7.0

IEC 60079-18:2014 Explosive atmospheres – Part 18: Equipment protection by encapsulation “m”
Edition:4.0

This Certificate **does not** indicate compliance with safety and performance requirements other than those expressly included in the Standards listed above.

TEST & ASSESSMENT REPORTS:

A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in:

Test Report:

[GB/EXV/ExTR25.0101/00](#)

Quality Assessment Report:

[GB/EXV/QAR21.0013/03](#)



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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

The PC22 is intended for fixed installation in IECEx Zone 2/22 explosive atmospheres, with gas group IIC, dust group IIIC and temperature classification T4/T₂₀₀78°C. The device is a load cell which is used for measuring weight. The circuit is fully encapsulated with an integral cable emerging from the resin. The cable is intended to be connected outside the hazardous area (or protected with another type of protection whilst inside the hazardous area). The device is intended to be powered with 5-15 VDC.

SPECIFIC CONDITIONS OF USE: YES as shown below:

1. When installed in Group III environments: The PC22 shall not be installed in an area that contains fast moving particles which make contact along the surface of the device (e.g. pneumatic transfer of powders, and charge spraying in an electrostatic coating process).
2. When installed, the equipment shall be protected from ultraviolet light (for example, daylight or light from luminaires).



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Additional information:

Routine tests:

IEC 60079-18:2015 Cl, 9.1. – Visual inspections.

IEC 60079-18:2015 Cl, 9.2. – Dielectric strength test.