



# OIML CERTIFICATE OF CONFORMITY

**No.: R76/2006-DK3-17.24**

**Issuing authority**            **DELTA**  
Address:                        Venlighedsvej 4, 2970 Hørsholm, Denmark  
Person responsible:        J. Hovgård Jensen

**Applicant**  
Name:                         **Flintec UK Ltd.**  
Address:                      W4/5 Capital Point  
                                      Capital Business Park  
                                      Wentloog, Cardiff CF3 2PW  
                                      UNITED KINGDOM

**Manufacturer**  
of the certified pattern:   **Flintec UK Ltd.**

**Identification**  
of the certified pattern:   **Analog data processing device**  
                                      **Type: EM100 DC**  
                                      Further characteristics are set out on the following page(s).

This certificate attests the conformity of the above mentioned pattern (represented by the sample(s) identified in the associated test report) with the requirements of the following Recommendation of the International Organization of Legal Metrology (OIML):


## **R76 - Edition 2006 for accuracy class III and IIII**

This certificate relates only to the metrological and technical characteristics of the pattern of the instrument concerned, as covered by the relevant OIML International Recommendation.

This certificate does not bestow any form of legal international approval.

*Important note:* Apart from the mention of the certificate's reference number and the name of the OIML Member State in which the certificate was issued, partial quotation of the certificate or of the associated test report is not permitted, though they may be reproduced in full.

The issuing authority:    **DELTA, OIML Issuing Authority DK3**  
                                      19 December 2017

  
J. Hovgård Jensen  
Certification Manager



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The conformity was established by tests and examinations described in the associated test report DELTA, DK, No. DANAK-1918640, dated 06-12-2017 that includes 76 pages

### Characteristics

Type:	EM100 DC
Accuracy class:	III and IIII
Weighing range:	Single-interval, multi-range or multi-interval (up to 3 ranges/intervals)
Maximum capacity (Max <sub>i</sub> ):	$n_i \times e_i$
Verification scale interval ( $e_i =$ ):	$\geq 0.1$ g for class III $\geq 5$ g for class IIII
Maximum number of Verification Scale Intervals ( $n_i$ ):	$\leq 10000$ (class III) per interval/range, $\leq 1000$ (class IIII) per interval/range
Maximum tare effect:	-Max
Fractional factor:	$p'i = 0.5$
Minimum input voltage per VSI:	$0.3 \mu V$
Excitation voltage:	5 VDC
Circuit for remote sense:	active
Minimum input impedance:	58 Ohm
Maximum input impedance:	1100 Ohm
Mains power supply:	9 to 32 VDC.
Operational temperature:	-15 °C to +55 °C
Electromagnetic class:	E2
Maximum cable length between indicator and junction box:	$1132 \text{ m/mm}^2$
Software version:	1.10

### Devices

- Initial zero setting device
- Semi-automatic zero setting device
- Zero tracking device
- Semi-automatic tare device
- Preset tare device
- Data storage device for setup and calibration data
- Stable indication device
- Stable equilibrium device
- Zero, Net and active range indicators.

### Interfaces

- RS485
- RS232
- CAN
- Logic I/O (2 inputs and 2 outputs)