OIML Certificate

Issuing authority	NMi Certin B.V. Person responsible: C. Oosterman
Applicant and Manufacturer	GRUPO EPELSA, S.L. C/Punto Net, 3 Parque Tecnológico TECNOALCALÁ 28805 Alcalá de Henares, Madrid Spain
Identification of the certified type	A **Indicator** Type : ML-500 CT-12
Characteristics	See next page

This OIML Certificate is issued under scheme A.

This Certificate attests the conformity of the above identified Type (represented by the sample(s) identified in the OIML Test Report) with the requirements of the following Recommendation of the International Organization of Legal Metrology (OIML):

OIML R 76 - Edition 2006 for accuracy class ⒾⒾⒾ or ⓊⒾⒾⒾ

This Certificate relates only to the metrological and technical characteristics of the type of measuring instrument covered by the relevant OIML International Recommendation above-identified.
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 and of the associated OIML Test Report(s) is not permitted, although either may be reproduced in full.

Issuing Authority	**NMi Certin B.V., OIML Issuing Authority NL1** 26 March 2019 C. Oosterman Head Certification Board

The conformity was established by the results of tests and examinations provided in the associated OIML Test Report(s):
- No. R76/1992-NL1-08.07b dated 1 April 2008 that includes 57 pages;
- No. R76/1992-NL1-08.07a dated 3 April 2008 that includes 37 pages;
- No. NMi-11200059-01 dated 4 May 2011 that includes 16 pages;
- No. NMi-11200059-02 dated 4 May 2011 that includes 31 pages;
- No. NMi-12200469-01 dated 11 September 2012 that includes 8 pages;
- No. NMi-12200845-01 dated 13 March 2013 that includes 32 pages;
- No. NMi-13200647-01 dated 11 February 2015 that includes 61 pages;
- No. NMi-13200647-03 dated 11 February 2015 that includes 34 pages;
- No. NMi-16200766-01 dated 6 March 2017 that includes 14 pages;
- No. NMi-1902396-01 dated 26 March 2019 that includes 21 pages.

Characteristics of the indicator:

Accuracy class	Ⓘ or Ⓘ
Weighing ranges	Single interval Multi-interval
Maximum number of scale intervals (one weighing range)	$n \leq 3000$ divisions
Maximum number of scale intervals (multi-interval)	$n \leq 3000$ divisions (per partial weighing range)
Maximum number of partial weighing ranges	2
Load cell excitation voltage	5 V DC
Minimum input voltage per verification scale interval	1,67 µV
Minimum load cell resistance	87,5 Ω
Maximum load cell resistance	1140 Ω
Fraction of the maximum permissible error	0,5
Load cell connection	6-wire (remote sensing)
Maximum value of the cable length per cross wire section between the indicator and the junction box or load cells	No special cable length
Temperature range	-10 °C / +40 °C
Power supply voltage	100 – 240 V AC 50/60 Hz
Application	Intended to be used for direct sales to the public or Intended to be used for the making-up of prepackages
Software identification	See the table in page 3

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EPOS software	OS	Legally relevant files	Version	MD5 hash
ScalePos	Windows	Epelsa.dll	1.0.2.3	E3E57643A0178BE8C21F9CFF53BFB80D
TouchScale	Linux	Libwgt.so	1	dcf11d09b220209e7f92ef48494d6dc2
TouchScale	Windows	Libwgt.dll	1	9669792b564f793471c962c02bd8d912

The third party POS software

Legally relevant management software:

Management software	OS	Legally relevant files	Version	MD5 hash
EBP	Windows	DLLEBP.DLL	1.0.0	D649387A90CDE835E3660F9C320D618F
CASPOS	Windows	dllcas.dll	1.0.0	AE789B0E36F89FF55A3EDDD269808010
TouchScaleXS	Linux	LibXS.so	0.1	f176461ed00b25cd4f8a21e27a8edcba

When third party management software is used, the software package OpenScale is a mandatory software package that is used with one of the other packages mentioned above.

POS software package	OS	Legally relevant files	Version	MD5 hash
OpenScale	Windows	DLLBPTC.dll BAL.exe	1.0.0.2 2.2.65 or later	5CD1E726C4A66E268525B6718A0ECC66 -
OpenScale	Linux	LibBPTC.so BAL	1.0 0.2 or later	0032eb288d9d47b24344844c24fd1d3b -