OIML CS Certification System	DANAK PROD Reg. nr 7026	FORCE Certification

OIML Member State	**OIML Certificate No.**
Denmark	**R76/2006-A-DK2-2024.04**

OIML CERTIFICATE ISSUED UNDER SCHEME A

OIML Issuing Authority

Name:	**FORCE Certification A/S**
Address:	Park Allé 345, 2605 Brøndby, Denmark
Person responsible:	Per Rafn Crety

Applicant

Name:	**Datalogic S.r.l.**
Address:	Via S. Vitalino 13,
	40012 Calderara Di Reno,
	Italy

Manufacturer

Datalogic s.r.o., Trvana, Slovakia
Datalogic Inc., Eugene, USA
Datalogic Vietnam LLC, Ho Chi Minh, Vietnam.

Identification of the certified type *(the detailed characteristics will be defined in the additional pages)*

Magellan models 9554 / 9556

Designation of the module *(if applicable)*

Non-automatic weighing instrument

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

OIML R 76-1, Edition (year): 2006

For accuracy class (if applicable)**: III**

This OIML Certificate relates only to metrological and technical characteristics of the type of measuring instrument covered by the relevant OIML Recommendation identified above.

This OIML Certificate does not bestow any form of legal international approval.

The conformity was established by the results of tests and examinations provided in the associated OIML reports:

Type examination report: No. 124-26523.10, dated 08 August 2024, that includes 42 pages

Type evaluation report: No. 124-26523.90.20, dated 26 August 2024, that includes 21 pages,

The technical documentation relating to the identified type is contained in documentation file:

124-26523

OIML Certificate History

Revision No.	Date	Description of the modification
Initial version	06 September 2024	-
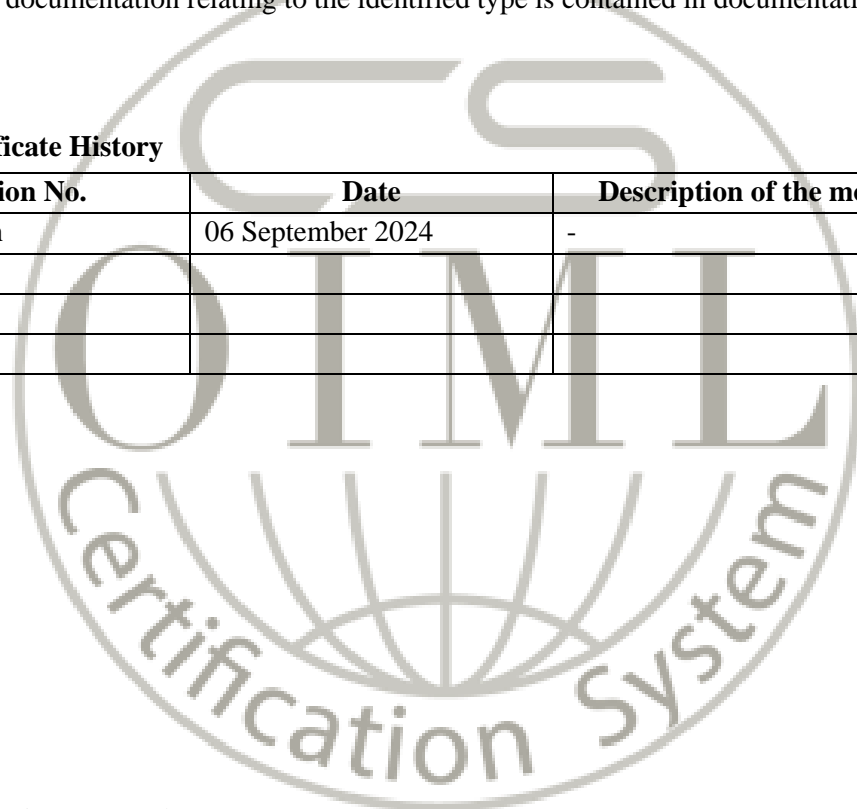
Identification, signature and stamp
The OIML Issuing Authority
FORCE Certification A/S

Date: 06 September 2024

Jens Hovgård Jensen
Certification Manager

Important note: Apart from the mention of the Certificate's reference number and the name of the OIML Member State in which the Certificate is issued, partial quotation of the Certificate and of the associated OIML type evaluation report(s) is not permitted, although either may be reproduced in full.

Descriptive annex

Characteristics

- Type: Magellan 9554, Magellan 9556,
- Accuracy class   III
- Single interval, multi interval (dual)
- Maximum number of verification scale intervals: 3000 per interval.
- Maximum capacity (Max):   6 kg to 15 kg
- Minimum capacity (Min): $20 \times e$
- Verification scale interval(e): ≥ 2 g
- Temperature range. $+10\ ^\circ$C to $+40\ ^\circ$C
- Power supply:
  12 VDC via ext. power supply for 110/220 VAC 50/60Hz
  Alternately can the instrument be powered with 12 VDC from the Point of Sale
  Terminal

Software

The legally relevant parameters (scale configuration and calibration) are stored in EEPROM (Electrically Erasable Programmable Read Only Memory) on the circuit board, and have the following identification versions numbers used for verification purposes:

Weighing embedded software ID:	2-14
Signal processing embedded software ID:	2-00-17
Checksum of price-computing software (optional):	6148D54

These version numbers are displayed on the health and status indicator by entering scale diagnostics mode using the following procedure:

1) Place the instrument into the Diagnostics mode by pressing the Scale zero button for approx. 5 seconds. The scanner shall then emit one medium length beep. This shall initiate the diagnostics routine.

2) Be ready to look at the maintenance display as seen through the platter window. The display comes on quickly.

3) The 7-segment display will scroll through the various software identifiers in a long string of characters. There will be a slight pause between the various identifiers.

4) The diagnostics program shall continue to cycle three (3) times through the complete string, and then the scanner automatically will reset.

5) The string of numbers is shown in the following order:

Non-ID data that shows:

"c" then the number of calibrations performed on the scale, then

3 horizontal bars and the number of times the scale has been zeroed, then

2 horizontal bars and the gravity zone

then a dash "-" followed by the lower 4 characters of the load cell checksum (6BØ1)
Note - these values can change.

then another dash "-" followed by the Scale software version (this is only one character long) then 4 more characters showing the checksum " 6148D54 " of the price computation software, if the instrument is configured that way, or just "----" if not.

The next string following the checksum or "----" is the weighing embedded software ID 2-14, followed by the signal processing embedded software ID. 2-00-17

If there is a custom data string set it will next be displayed, otherwise the above sequence is repeated.

The table below shows the above sequence:

Characters	Explanation of indication
C x	Where x is the number of calibrations performed to the scale.
≡ x	Where x indicates the number of times the scale has been zeroed.
= x	Where x indicates the scale gravity zone.
- xxxx	Where xxxx is the load cell software checksum (6BØ1) in Hex lower 4 characters.
-x	Where x indicates the scale software revision.
xxxx	Where xxxx shows the checksum "6148D54" of the price-computation software or shows "----" if the scale is not configured for price computing
zzzzz zzzzzzz	Where the first zzzzz string is the weighing embedded software ID "2-14" and the second zzzzzzz string is the signal processing embedded software ID. "2-00-17"
ucustomdata	Is the value of a custom data string (if present - no data may be displayed if the item value is not set)

6) To manually reset the scanner into normal mode, exit the diagnostics mode by pressing the scale Zero button on the control panel. The maintenance display will temporarily show an "8".

This above method to enter scale diagnostics mode is also provided in the Product Reference Guide (PRG).

Devices

- Initial zero setting device (≤ 20% of Max)
- Semi-automatic zero setting device (≤ 4% of Max)
- Zero tracking device (≤ 4% of Max)
- Stable equilibrium, Zero indicator.

Interfaces

- POS terminal (RJ10)
- Remote display (RJ4)
- Power (Molex 3 pin)

The interfaces do not have to be secured.

The instrument may be equipped auxiliary equipment not related to the legal weighing.
Such equipment could be a Colour Camera Imager (CCI)