

Member State of OIML
United Kingdom of Great Britain
and Northern Ireland

OIML Certificate No
R76/2006-GB1-13.01

OIML CERTIFICATE OF CONFORMITY

Issuing authority: **National Measurement Office**

Person responsible: **Paul Dixon – Product Certification Manager**

Applicant: **Eurobil S.r.l.
Via Olona 183/C
21013 Gallarate (VA)
Italy**

Manufacturer: **The applicant**

Identification of the
certified pattern: **XK3190-A12 or XK3190-A12E**

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

OIML R 76 - Edition 2006(E) for accuracy class: [III]

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 certificates 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.

Issue Date: 05 July 2013
ReferenceNo: TS1201/0078


Signatory: P R Dixon

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NMO is an Executive Agency of the Department for Business, Innovation & Skills



The conformity was established by tests described in the associated:

NiM - LSmc Test Report SN: 0902
Pattern Evaluation Checklist P00248/R76

Characteristics of the instrument:

Main features:

This indicating device is designated the XK3190-A12 or XK3190-A12E. It is a Class III weighing indicator, powered from an AC/DC power supply, with built in rechargeable 6 V/2.8 Ah battery.

The above named indicators have the following features:

- Initial zero setting device on power up.
- Semi-automatic zero setting device.
- Zero tracking device.
- Semi-automatic tare balancing device.
- Subtractive tare device
- Tare indicating
- Zero indicating
- Counting
- Accumulating

Construction:

The indicator enclosure is made from a composite material and is assembled in two halves screwed together. The front section contains the indicator display and keyboard. The rear section contains the internal battery, communication ports and the circuit board.

The A12 features a 6 digit LCD display - 7 state indicating signals (▼). The instrument is switched on by using the toggle switch positioned on the rear of the instrument, followed by the ON/OFF button positioned on the front of the instrument.

The A12E features a 6 digit LED display - 8 state indicating lights (LED lights). The instrument is switched on by using the toggle switch positioned on the rear of the instrument.

There are seven dedicated function keys on the keyboard below the display. The units function is disabled under this Test Certificate so that the instrument can only display weight in kg.

Technical characteristics:

Power supply (mains)	230 V AC, 50 Hz
Power supply (battery)	6 V DC, 2.8 Ah
Maximum number of scale intervals	3000
Load cell excitation voltage	5 V DC
Maximum tare effect	-Max
Minimum load cell impedance	87 Ω
Maximum load cell impedance	350 Ω
Minimum input voltage per verification scale interval	2 μ V
Measuring range minimum voltage	6 mV
Measuring range maximum voltage	20 mV
Fraction of maximum permissible error	Pind = 0.5
Operating temperature range	0 °C to + 40 °C
Load cell cable (junction box to indicator)	Maximum length = 10 m/mm ²

Power supply

The indicator may be powered from any suitable AC/DC supply. Any compatible CE-marked mains adaptor may be used. The battery symbol (bAt-Io) appears on the LCD when the voltage drops beneath 5.5 V.

Interfaces:

The instrument may have the following interface type:

- 4 or 6-wire load cell connection
- RS-232

Seals:

The data plate is mounted on the rear of the indicator, so that it is easily accessible and clearly visible in its regular operating position. The CE mark shall be impossible to remove without damaging it. The data plate shall be impossible to remove without it being destroyed.

Load cell:

Any compatible load cell(s) may be used providing the following conditions are met:

- There is a respective OIML Certificate of Conformity (R60) issued for the load cell.
- The certificate contains the load cell types and the necessary load cell data required for the manufacturer's declaration of compatibility of modules, and any particular installation requirements. A load cell marked NH is allowed only if humidity testing to R76 has been conducted on this load cell.
- The compatibility of the load cells and indicator is established by the manufacturer by means of the compatibility of modules calculation at the time of verification.
- The load cell transmission conforms to a standard type.

Certificate History

Issue №	Date	Description
R76/2006-GB1-13.01	05 July 2013	Type approval first issued
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