OIML Member State Denmark	**OIML Certificate No.** **R60/2017-A-DK2-2021.01**

OIML CERTIFICATE ISSUED UNDER SCHEME A

OIML Issuing Authority

Name: **FORCE Certification A/S**
Address: Park Allé 345, 2605 Brøndby, Denmark
Person responsible: Leif Madsen

Applicant

Name: **Eilersen Electric Digital Systems A/S.**
Address: Kokkedal Industripark 4,
2980 Kokkedal
Denmark

Manufacturer **Eilersen Electric Digital Systems A/S.**

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

BL, BL-EX

Designation of the module *(if applicable)*

A digital capacitive beam load cell, hermetically sealed

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 60, Edition (year): 2017

For accuracy class (if applicable**): C4**

FORCE Certification A/S · Park Alle 345 2605 Brøndby Tel+45 43 25 01 77 info@forcecertification.com www.forcecertification.com
Task no.: 121-22599.90.10 and ID no.: FC-OIML-11302-1 forcecertification.com/en/weighing

OIML Certificate No.
R60/2017-A-DK2-2021.01

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. 121-22599.10, dated 03 August 2021, that includes 51 pages

Type evaluation report: No. 121-22599.90.10, dated 13 August 2021, that includes 5 pages

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

121-22599

OIML Certificate History

Revision No.	Date	Description of the modification
Initial version	09 September 2021	-

Identification, signature and stamp
The OIML Issuing Authority
FORCE Certification A/S

Date: 09 September 2021

Jens Hovgård Jensen
2021-09-09

Digitally signed by Jens Hovgård Jensen
jhje@force.dk
Certification Manager

Jens Hovgård Jensen
Certification Manager

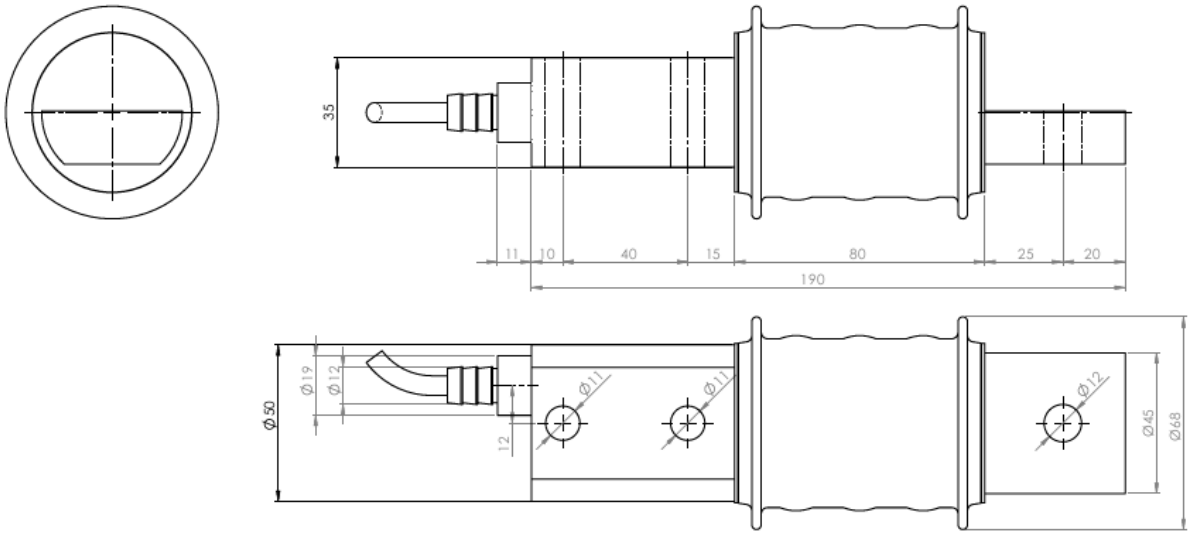
Important note: Apart from the mention of the Certificate's reference number and the name of the OIML Member State in which the Certificate is issued, partial quotation of the Certificate and of the associated OIML type evaluation report(s) is not permitted, although either may be reproduced in full.

Descriptive annex

Type designation		BL, BL-EX
Accuracy class acc. to OIML R60		C4
Maximum number of intervals	n_{LC}	4000
Maximum capacity	E_{max}	20 to 100 kg
Apportionment factor	p_{LC}	0.8
Minimum verification interval	v_{min}	0.002 %
Ratio of min LC verification interval	$Y=E_{max}/ v_{min}$	50000
Minimum dead load output return	DR	0.0055 %
Ratio of minimum dead load output return	$Z= E_{max}/2*DR$	9091
Minimum dead load	E_{min}	0 kg
Safe overload limit	E_{lim}	200 to 1000 % E_{max}
Safe sideload limit		300 to 1000 % E_{max}
Compensated temperature range	B_T	- 10… +40 °C
Humidity condition		CH
Degree of protection		IP68
Load cell material		Stainless steel
Cable		Up to 100 m standard coaxial RG-58 with BNC connector
Communication output options		RS485, Profinet, Profibus DP, Ethernet IP, EtherCAT, Modbus TCP/IP
Other optional outputs (non-legal)		4-20 mA, 0-10 VDC

Software

The load cell has software version STDLC_LP_190124_2vx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