

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

OIML Certificate No
R60/2000-GB1-12.07
Revision 2

OIML CERTIFICATE OF CONFORMITY

Issuing authority: **NMO**
Person responsible: **Max Linnemann – Head of Certification Body**
Applicant: **Flintec GmbH
Bemannsbruch 9
DE-74909 Meckesheim
Germany**
Manufacturer: **The applicant**
Identification of the certified pattern: **SB6 stainless steel load cell**

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 60 - Edition 2000(E) for accuracy class: [C4 MI6]

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.

This revision replaces previous versions of the certificate.

Issue Date: **30 January 2017**



Grégory Glas
Technical Manager
For and on behalf of the Head of Certification Body



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The conformity was established by testing and examination described in the associated Test Report SN 1374 which includes 22 pages.

Characteristics of the Load Cell:

Model designation	Designation	Value	Units
Classification		C4 M16	
Additional marking		-	
Maximum number of load cell verification intervals	n_{LC}	4000	
Maximum capacity	E_{max}	50, 100, 150, 200 & 250	kg
		0.5, 1 & 2	kN
Minimum dead load, relative	E_{min}/E_{max}	0	%
Relative V_{min} (ratio to minimum load cell verification interval)	$Y = E_{max}/V_{min}$	22727	
Relative DR (ratio to minimum dead load output return)	$Z = E_{max}/(2*DR)$	6270	
Rated output		2.0 ± 0.02	mV/V
Maximum excitation voltage		15	V dc
Input impedance (for strain gauge load cells)	R_{LC}	1100 ± 50	Ω
Temperature rating		-10/+40	$^{\circ}C$
Safe overload, relative	E_{lim}/E_{max}	200	% F.S
Fraction	P_{LC}	0.7	
Cable length		3	m
Additional characteristics		4 or 6 wire	

CERTIFICATE HISTORY

ISSUE NO.	DATE	DESCRIPTION
R60/2000-GB1-12.07	28 November 2012	Certificate first issued
R60/2000-GB1-12.07 Revision 1	08 March 2013	Additional capacities added.
R60/2000-GB1-12.07 Revision 2	30 January 2017	Accuracy class changed to C4, Y value updated accordingly.