

OIML Member State
The Netherlands

Number R60/2000-NL1-16.39
Project number SO16203759
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Issuing authority	NMi Certin B.V. Person responsible: C. Oosterman
Applicant and Manufacturer	Société Captels 745, Avenue de la République de Montferrand 34270 St. Mathieu de Treviers France
Identification of the certified type	A shear beam load cell , with strain gauges, Type : DCV20
Characteristics	See next page

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 R60 - Edition 2000 (E) for accuracy class C

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.

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Issuing Authority **NMi Certin B.V., OIML Issuing Authority NL1**
24 November 2016



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

- No. R60/1991-NL-97.22 dated 26 June 1997 that includes 37 pages.

Characteristics of the load cell:

Maximum capacity (E_{max})	9071 kg up to and including 45359 kg
Minimum dead load	0 kg
Accuracy Class	C
Rated Output	3 mV/V
Maximum number of load cell intervals (n)	3000
Ratio of minimum LC Verification interval $Y = E_{max} / V_{min}$	10000
Input impedance	$700 \Omega \pm 7 \Omega$
Temperature range	-10°C / +40°C
Fraction p_{LC}	0,7
Safe overload	150 % of E_{max}
Output impedance	$700 \Omega \pm 7 \Omega$
Recommended excitation	5 - 12 V AC / DC
Excitation maximum	15 V AC / DC
Transducer material	Stainless steel
Atmospheric protection	IP67

The characteristics for n_{max} and Y can be reduced separately.

Each produced load cell is provided with an accompanying document with information about its characteristics.