

Member State of OIML  
Germany



OIML Certificate N°  
R60/1991-DE-99.02

## OIML CERTIFICATE OF CONFORMITY

### Issuing authority

Name: Physikalisch-Technische Bundesanstalt  
Address: Bundesallee 100, D-38116 Braunschweig  
Person responsible: Dr. Roman Schwartz

### Applicant:

Name: Revere Transducers Europe BV  
Address: P.O. Box 6909, 4802 HX Breda  
Niederlande

Manufacturer of the certified pattern is the Applicant.

Identification of the certified pattern: Strain-gauge compression load cell with digital output  
Type: **SCC**

Further characteristics see page 2

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 Organization of Legal Metrology (OIML):


R60, edition 1991, R60 Annex A, edition 1993  
for accuracy class C1 up to C4

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.

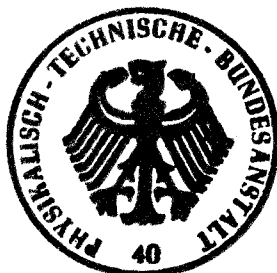
The conformity was established by tests described in the associated test reports N° 1.14-99.142 ( 22 pages ) and 1.14-99.307 ( 9 pages ).

The issuing authority



Dr. R. Schwartz  
Regierungsdirektor

19.07.1999



The OIML member



Prof. Dr. M. Kochsiek  
Vizepräsident

19.07.1999

## Identification of the pattern (continued)

The RTE compression strain-gauge load cell type SCC is made of stainless steel, the strain-gauge application is encapsulated hermetically by a welding and feed-through.

The metrological characteristics for application in approved weighing instruments are listed in Table 1.

Table 1

Accuracy class		C 1	C 2	C 3	C 4
Maximum number of load cell intervals	$n_{LC}$	1000	2000	3000	4000
Maximum capacities	$E_{max}$	10/25/40/60/100 t		10 / 25 / 40 / 60 t	
Minimum load cell verification interval	$v_{min} (Y)$	$E_{max} / 10\ 000$	$E_{max} / 10\ 000$	$E_{max} / 10\ 000$	$E_{max} / 10\ 000$
Minimum load cell verification interval, option MR	$v_{min}^{MR} (Y_{MR})$	--	--	$E_{max} / 20\ 000$	$E_{max} / 20\ 000$

Minimum dead load  $0\% * E_{max}$ , safe load  $150\% * E_{max}$

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