

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

OIML Certificate No  
R60/2000-GB1-17.04

## OIML CERTIFICATE OF CONFORMITY

Issuing authority: **NMO**  
Person responsible: **Mannie Panesar – Head of Technical Services**  
Applicant: **GIROPES, S.L.  
POL. EMPORDA INTERNACIONAL  
CL. MOLLO 15-16  
17469 VILAMALLA  
GIRONA  
SPAIN**  
Manufacturer: **The applicant**  
Identification of the certified pattern: **G4i**

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 R60 - Edition 2000(E) for accuracy class: [C3]**

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: 31 March 2017**



**Grégory Glas**  
**Technical Manager**  
*For and on behalf of the Head of Technical Services*



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The conformity was established by testing and examinations described in the associated test report issued by CEM, No. CEM-IYO-04/0156-5.1, which includes 18 pages.

**Characteristics of the Load Cell:**

<i>Model designation</i>	<i>Designation</i>	<i>Value</i>	<i>Units</i>
Classification		C3	
Additional marking		CH	
Maximum number of load cell verification intervals	$n_{LC}$	3,000	
Maximum capacity	$E_{max}$	500, 750, 1000, 1500, 2000, 2500	kg
Minimum dead load, relative	$E_{min}/E_{max}$	0	%
Relative $V_{min}$ (ratio to minimum LC verification interval)	$Y = E_{max}/V_{min}$	10,000	
Relative DR (ratio to minimum dead load output return)	$Z = E_{max}/(2*DR)$	12,000	
Rated output		2.0	mV/V
Maximum excitation voltage		18	V DC
Input impedance (for strain gauge LCs)	$R_{LC}$	$386 \pm 2\%$	$\Omega$
Temperature rating		-10 to +40	$^{\circ}C$
Apportionment fraction	$P_{LC}$	0.7	
Safe overload, relative	$E_{lim}/E_{max}$	125	%
Cable length		$\leq 4$	m
Additional characteristics		6-wire shielded, with the shielding not connected to the load cell	

**CERTIFICATE HISTORY**

<b>ISSUE NO.</b>	<b>DATE</b>	<b>DESCRIPTION</b>
R60/2000-GB1-17.04	31 March 2017	Certificate first issued.
-	-	No revisions have been issued.