

**Amendment (2019-12-23) to OIML R 60-3:2017
and to the Annexes to OIML R 60:2017
*Metrological regulation for load cells***

BIML note

*The corrections in the present Amendment are applicable to the English text only;
the French version was corrected prior to publication. The present Amendment
supersedes the previous Amendment dated 2019-02-07.*

i) Amendments to OIML R 60-3:2017

2.1.4 Temperature effects on minimum dead load output (MDLO) (C_M = Change MDLO)

2.1.4.4 of the published version of OIML R 60-3:2017 (page 7) currently reads:

$$p_{LC} \leq C_M(v_{\min})$$

The equation should be corrected to read:

$$C_M(v_{\min}) \leq p_{LC}$$

2.1.7 Humidity effects (C_H or no mark)

2.1.7.2 of the published version of OIML R 60-3:2017 (page 9) currently reads:

Subtract $\bar{I}\{D_{\max}\}$ from $\bar{I}\{D_{\min}\}$ for the tests before and after damp heat test and then calculate the difference between the results.

The sentence should be corrected to read:

Subtract $\bar{I}\{D_{\min}\}$ from $\bar{I}\{D_{\max}\}$ for the tests before and after damp heat test and then calculate the difference between the results.

6.7 Temperature effects on minimum dead load output return (MDLO)

The title of 6.7 of the published version of OIML R 60-3:2017 (page 58) currently reads:

6.7 Temperature effects on minimum dead load output return (MDLO)

The title of 6.7 should be corrected to read:

6.7 Temperature effects on minimum dead load output ~~return~~ (MDLO)

The reference in Note 2 to 6.7 of the published version of OIML R 60-3:2017 (page 58) currently reads:

2) Indication: the average initial minimum test load indication obtained from Table D.1.

The reference in Note 2 should be corrected to read:

2) Indication: the average initial minimum test load indication obtained from **Table 6.3**.

Form 6.19.3 Span stability – summary of test results

Table 6.19.3 of the published version of OIML R 60-3:2017 (page 101) currently reads:

Measurement no.
(see Note 3)

The reference in Table 6.19.3 should be corrected to read:

Measurement no.

~~(see Note 3)~~

The following corrections to OIML R 60-3:2017 were already included in the Amendment to R 60-3 dated 2019-02-07:

Form 6.16.1 Electrostatic discharge – direct application

Form 6.16.1 of the published version of OIML R 60-3:2017 (page 85) currently reads:

Notes: 1) If the load cell fails, the test point at which this occurs shall be recorded.
2) IEC Publication 61000-4-2 (2008) Ed 1.1 Consolidated edition specifies that the test be conducted with the most sensitive polarity.

The reference in Note 2 should be corrected to read:

Notes: 1) If the load cell fails, the test point at which this occurs shall be recorded.
2) IEC 61000-4-2 Ed. 2.0 (2008-12) Consolidated edition specifies that the test be conducted with the most sensitive polarity.

Form 6.16.2 Electrostatic discharge – indirect application

Form 6.16.2 of the published version of OIML R 60-3:2017 (page 86) currently reads:

Notes: 1) If the load cell fails, the test point at which this occurs shall be recorded.
2) IEC Publication 61000-4-2 (1999-05) Ed 1.1 Consolidated edition specifies that the test be conducted with the most sensitive polarity.

The reference in Note 2 should be corrected to read:

Notes: 1) If the load cell fails, the test point at which this occurs shall be recorded.
2) IEC 61000-4-2 Ed. 2.0 (2008-12) Consolidated edition specifies that the test be conducted with the most sensitive polarity.

ii) Amendment to the Annexes to OIML R 60:2017

Annex B - Table B.1 Technical data

Item Relative DR (ratio to minimum dead load output return)

The published version currently reads:

$$Z = E_{\max} - E_{\min} / (2 \times DR)$$

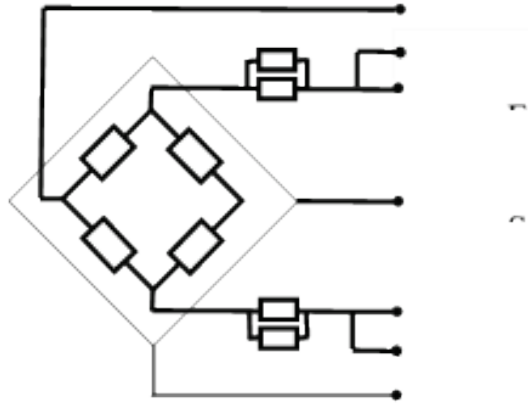
The equation should be corrected to read:

$$Z = (E_{\max} - E_{\min}) / (2 \times DR)$$

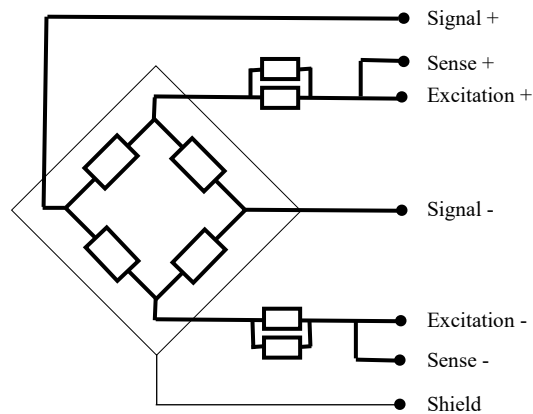
Annex C - 6 Data sheet and dimensions

Connections

The published version of the figure currently reads:



The figure should be corrected to read:



Annex F - Bibliography

Reference [5]

The published version currently reads:

[5] OIML D 11 General requirements for electronic measuring instruments, 2004

The reference should be corrected to read:

[5] OIML D 11 General requirements for electronic measuring instruments, 2013