



WIM - Systems

WIM - WLC - RP/740 Compression Load Cell



General characteristics

- * Single column, self-aligning compression load cell
- * 4000 divisions, certified to O.I.M.L. R60 class C
- * Available in ATEX version (optional)
 - 0-1-2 zone (gas) and 20-21-22 (dust)
- * Plated niqueled steel or stainless steel construction
- * Hermetically sealed, IP 68 (IN 60529)
- * Current calibration output ensures easy and accurate parallel connection of multiple load cells
- * Internal lightning protection
- * **Applications:** High-capacity weighing systems, specially designed for use in road and rail weighbridges and process weighing applications.

Specifications

Nominal loads (Ln)	15-20-25-30-40-60	t
Accuracy class	4000	n. OIML
Minimal load	0	% Ln
Operating load	120	% Ln
Limit load	150	% Ln
Combined error	< +/- 0.013	% Sn
Repeatability error	< +/- 0.015	% Sn
Temperature effect:		
on zero	< +/- 0.01	% Sn/5°K
on sensitivity	< +/- 0.006	% Sn/5°K
Creep error (30 minutes)	< +/- 0.012	% Sn
Compensated temperature range	-10...+40	°C
Temperature limits	-30...+70	°C
Nominal sensitivity (Sn)	2	mV/V (1)
Nominal excitation voltage	10	V
Maximum excitation voltage	15	V
Input resistance	800 +/- 5	Ω
Output resistance	700 +/- 5	Ω
Initial drift	+/- 2	% Sn
Insulation resistance	> 5000	MΩ
Maximal deformation	0.6-1	mm

The rated output and the output resistance are balanced so that the output current is calibrated to within 0.05% of a reference value.

AUTHORIZED DISTRIBUTOR in MEXICO:



Kellogg's #10 Fracc. Industrial El Pueblito. Corregidora, Qro. CP 76900, Tel : (442) 192 96 00,
Fax: (442) 225 34 05 www.ipc.com.mx e-m@il: ipcmkt@ipc.com.mx

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