



OFF CENTER LOAD CELL TYPE L6G

APPLICATIONS:

Off centre load cell type L6G can be used in small capacity weighing systems.

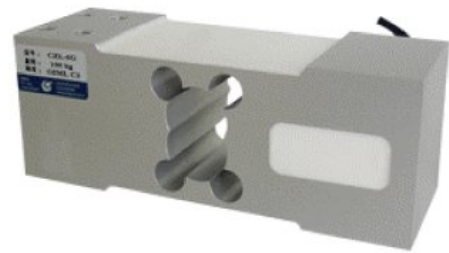
Some applications are:

- Small weighing platforms
- Hopper weighing, etc.

MAIN FEATURES:

- Universal use
- Low cost
- Aluminium construction
- OIML Certificates n.: R60/2000-CN-00.03
- Max Platform size 600x600

NOMINAL LOAD: kg 50-100-150-200-250-300-500-600



SPECIFICATION ACCORDING TO VDI/VDE 2637			
METROLOGICAL CHARACTERISTICS			
	Par.	Un.	
NOMINAL LOAD	Ln	Kg	50+600
INITIAL LOAD	Lp	% Ln	20
MAXIMUM LOAD	Ll	% Ln	150
NON-LINEARITY	Flin	% Ln	0,02
HISTERESIS ERROR	Fu	% Ln	0,02
REPEATABILITY ERROR	Fv	% Ln	0,01
CREEP-30 MINUTES	Fcr	% Ln	0,015
NOMINAL TEMPERATURE RANGE	Btn	°C	-10+40
ZERO TEMPERATURE DRIFT (OVER 10 °C)	TK0	% Cn	0,02(0,03)
OUTPUT TEMPERATURE DRIFT (OVER 10 °C)	TKC	% Cn	0,02(0,03)
THERMAL GRADIENT		°K/h	<5
ELECTRICAL DATA			
NOMINAL OUTPUT	Cn	mV/V	2
NOMINAL OUTPUT TOLERANCE	Dc	±% Cn	5
NOMINAL SUPPLY VOLTAGE	Bsu	V	0,5+12
MAXIMUM SUPPLY VOLTAGE	Usmax	V	18
INPUT RESISTANCE	Re	Ω	406±6%
OUTPUT RESISTANCE	Ra	Ω	350±3%
INSULATION RESISTANCE @ 20V	Ris	MΩ	>5000
ZERO OUTPUT TOLERANCE	Do	±% Cn	±2
MECHANICAL DATA			
BREAKING LOAD	Ld	% Ln	300
MAXIMUM SIDE LOAD	Llq	% Ln	100
DEFLECTION	hn	mm	<1
CABLE LENGTH		mm	3000
WEIGHT		Kg	
ENVIRONMENTAL CONDITIONS			
WORKING TEMPERATURE RANGE	Btn	°C	-20+65
STORAGE TEMPERATURE RANGE	Bts	°C	-50+85
HOUSING PROTECTION			IP-65

SUBJECT TO CHANGE WITHOUT NOTICE

CELMI s.r.l.

Largo Brugnatelli 13/16 20090 BUCCINASCO (MI) ITALY

Tel: +39-0245712209 / 0257503712 Fax: +39-0245705836 / 0257506211

Internet: www.celmi.com mail: info@celmi.com