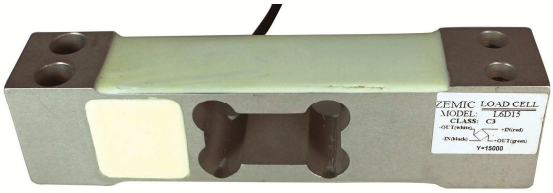
OFF CENTER LOAD CELL TYPE L6D15

APPLICATIONS:

Off centre load cell type L6D15 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 350X350 mm

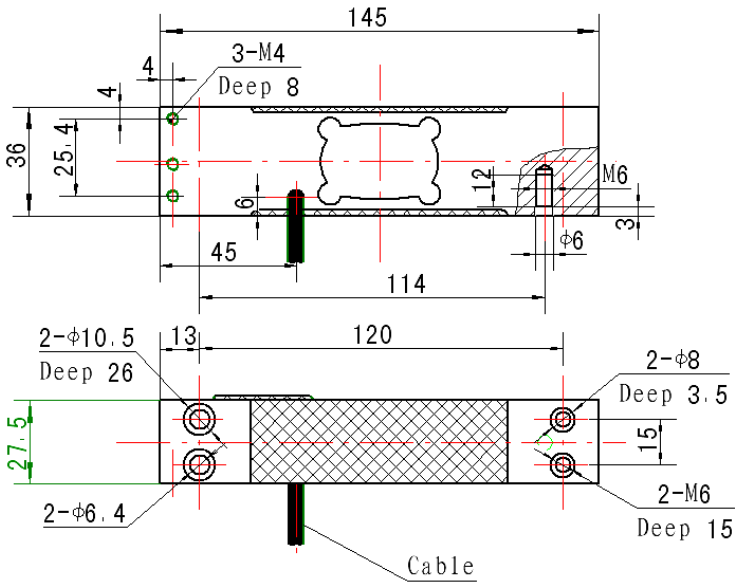
NOMINAL LOAD: kg 6-9-12-15-18-30

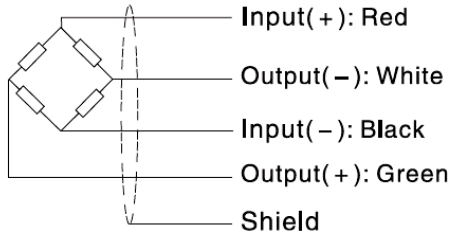
SPECIFICATION ACCORDING TO VDI/VDE 2637			
METROLOGICAL CHARACTERISTICS	**Par.**	**Un.**	
NOMINAL LOAD	Ln	Kg	6÷30
INITIAL LOAD	Lp	%Ln	20
MAXIMUM LOAD	Ll	%Ln	150
NON-LINEARITY	Flin	%Ln	0,02
COMBINED ERROR	Fu	%Ln	±0,017
REPEATABILITY ERROR	Fv	%Ln	0,01
CREEP-30 MINUTES	Fcr	%Ln	±0,015
NOMINAL TEMPERATURE RANGE	Btn	°C	-10+40
ZERO TEMPERATURE DRIFT (OVER 10 °C)	TK0	%Cn	±0,002
OUTPUT TEMPERATURE DRIFT (OVER 10 °C)	TKC	%Cn	±0,0017
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	409±6%
OUTPUT RESISTANCE	Ra	Ω	350±3%
INSULATION RESISTANCE @ 20V	Ris	MΩ	>5000
ZERO OUTPUT TOLERANCE	Do	±%Cn	±1
MECHANICAL DATA			
BREAKING LOAD	Ld	%Ln	300
MAXIMUN SIDE LOAD	Llq	%Ln	100
DEFLECTION	hn	mm	<1
CABLE LENGTH		mm	
WEIGHT		Kg	
ENVIRONMENTAL CONDITIONS			
WORKING TEMPERATURE RANGE	Btn	°C	-35+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

Outline dimensions in mm





- Dimensions and specifications are subject to change without notice.
- Installed screw request M6, 8.8 class, screw rinsed with oil, torque 10Nm.

Wiring:
- Adopt a shielded, 4 conductor cable, and cable jacket is PVC.
- Cable length: 0.085 ±0.05m.
- Cable diameter: 3. ±0.2mm.
- Shield not connected to element.