

RICHTER SCALE

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B6G5/H6G5

FEATURES

- Stainless/ alloy steel IP67 single point load cell
- Suitable for platform, belt and other electronic scales
- Maximum platform size: 50kg-1t: 600 x 800, 2t: 1000x1000 mm

AVAILABLE MODELS

Capacity	Accuracy	Full article description
xxkg	C3	B6G5/H6G5-C3-xxkg-3B6
xxkg	C3	B6G5/H6G5-C3-xxkg-3G6
"G" the Insulation resistance between bridge		

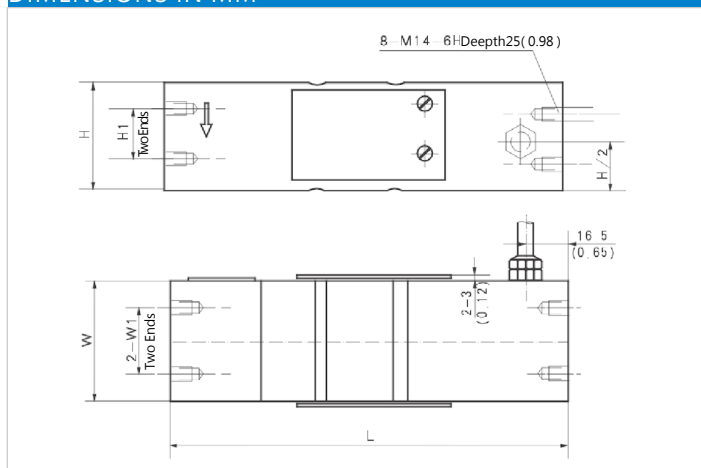


SPECIFICATION

Maximum capacity (E _{max})	t	0.05/0.1/0.15/0.2/0.25/0.3/0.4/0.5/0.6/0.75/1/1.5/2
Accuracy class		C3
Maximum number of load cell intervals (n _{LC})		3000
Ratio of minimum LC verification interval $Y = E_{max} / V_{min}$		10000
Combined error	%FS	±0.020
Creep	%FS/30min	±0.016
Temperature effect on sensitivity	%FS/10°C	±0.011
Temperature effect on zero	%FS/10°C	±0.015
Output sensitivity (=FS)	mV/V	2.0±0.2
Input resistance	Ω	400±20
Output resistance	Ω	350±3.5
Insulation resistance	MΩ	≥ 5000 (50VDC)
Zero balance	%FS	±1.5
Compensated temperature	°C	-10~+40
Operating temperature	°C	-35~+65
Excitation, recommended voltage	V	5~12 (DC)
Excitation maximum	V	18 (DC)
Safe overload	%FS	150
Ultimate overload	%FS	300
Corner correction		0.02%load value/100mm
ATEX classification (optional)		II1G Ex ia IIC T4 II1D Ex iaD20 T73°C II3G Ex nL II C T4

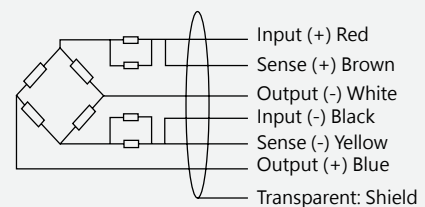
Note: "S1" output sensitivity is 2.0±0.002mV/V, input resistance is 384±4

DIMENSIONS IN MM



Capacity	Dimension	50kg~1t	1.5t~2t
L		150 (5.91)	150 (5.91)
H		77 (3.03)	88 (3.46)
H1		46 (1.81)	55 (2.17)
W		68 (2.68)	76 (2.99)
W1		38 (1.50)	42 (1.65)

WIRING



- Adopt shielded, 4 conductor cable: Φ6.2mm
- Standard cable length: 3m