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



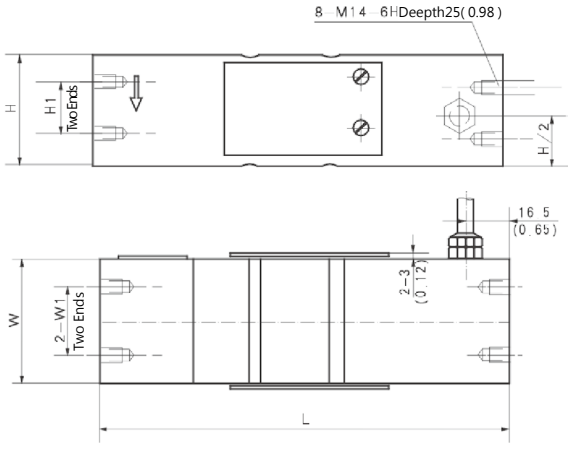
AVAILABLE MODELS

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

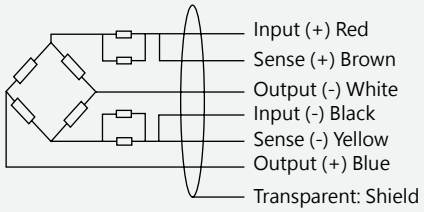
Maximum capacity (E_{max})	t	0.05/0.1/0.15/0.2/0.25/0.3/0.4/0.5/0.6/0.75/1/1.5/2		
Accuracy class		C3		
Maximum number of load cell intervals (nLC)		3000		
Ratio of minimum LC verification interval Y=E_{max} / V_{min}		10000		
Combined error	%FS	±0.020		
Creep	%FS/30min	±0.016		
Temperature effect on 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