

B6G/H6G

FEATURES

- Stainless steel IP66 single point load cell.
- Suitable for single or double load cell structured platform scales.
- Recommended platform size: 600 x 600 mm.

AVAILABLE MODELS

Capacity	Accuracy	Full article description
xxkg	C3	B6G-C3-xxkg-3B6
xxkg	C3	B6G-C3-xxkg-3G6

G: The Insulation resistance between bridge circuit and shielded wire is zero

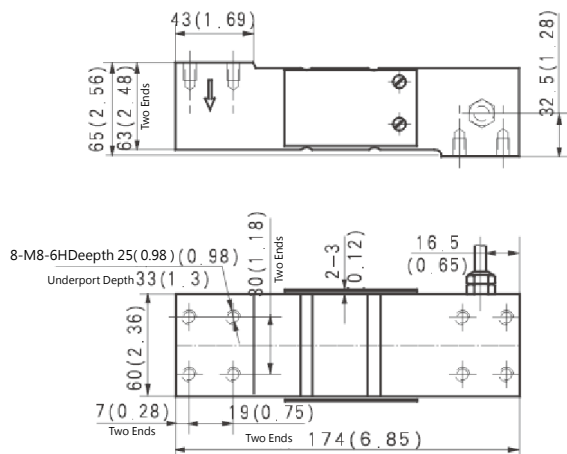


SPECIFICATION

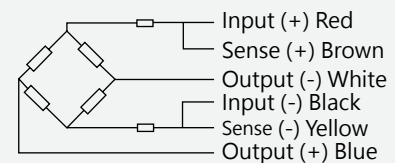
Accuracy class		C3
Output sensitivity (= FS)	mV/V	2.0 ± 0.2
Maximum capacity (E _{max})	kg	50/100/150/200/250/300/400/500/600/635
Maximum number of load cell intervals (nLC)		3000
Ratio of minimum LC verification interval Y=E _{max} / V _{min}		10000
Combined error	%FS	± 0.0230
Minimum dead load	%FS	0
Safe overload	%FS	150
Ultimate overload	%FS	300
Zero balance	%FS	± 1.0
Excitation, recommended voltage	V	5 ~ 12 (DC)
Excitation maximum	V	18 (DC)
Input resistance	Ω	400 ± 20
Output resistance	Ω	350 ± 3
Insulation resistance	MΩ	≥ 5000 (50VDC)
Compensated temperature	°C	-10 ~ +40
Operating temperature	°C	-35 ~ +65
Storage temperature	°C	-40 ~ +70
Element material		Stainless steel
Ingress protection (according to EN 60529)		IP66
Recommended torque on fixation	N.m	M8: 25
ATEX classification (optional)		II1G Ex ia IIC T4 II1D Ex iaD 20 T73°C II3G Ex nL IIC T4

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

DIMENSIONS IN MM



WIRING



- Shielded, 6 conductor cable.
- Cable diameter: Φ6mm.
- Standard cable length: 3m.
- Shield connected to element.