

# B6E3/H6E3

## FEATURES

- Stainless/ alloy steel IP67 single point load cell
- Suitable for the pricing scales, bench scales, belt scales etc
- Maximum platform size: 400\*400mm



## AVAILABLE MODELS

xxkg	C3	B6E3/H6E3-C3-xxkg-3B
xxkg	C3	B6E3/H6E3-C3-xxkg-3B-S1
xxkg	C3	B6E3/H6E3-C3-xxkg-3G
xxkg	C3	B6E3/H6E3-C3-xxkg-3G-S1

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

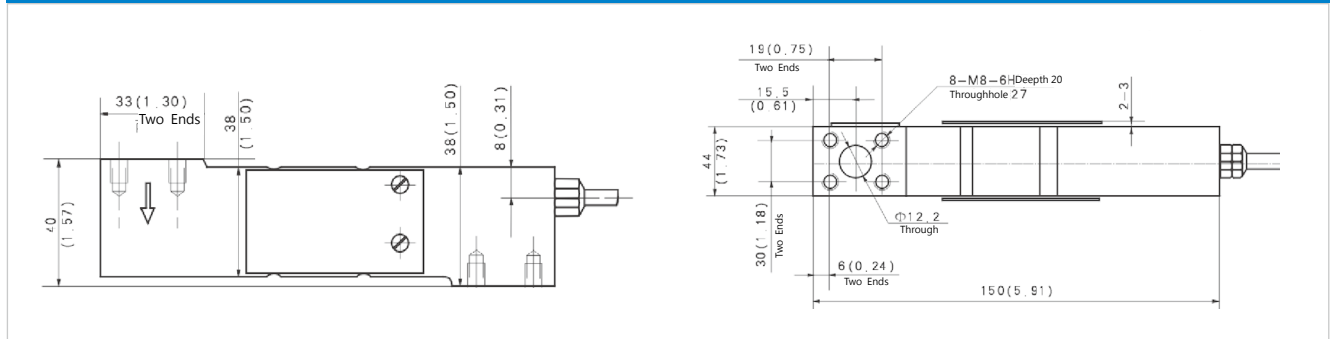


## SPECIFICATION

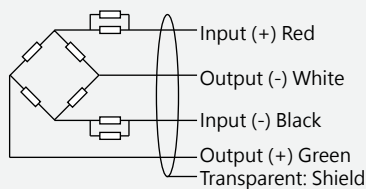
Maximum capacity (E <sub>max</sub> )	kg	20/30/50/75/100/150/200/250/300
Accuracy class		C3
Maximum number of load cell intervals (nLC)		3000
Ratio of minimum LC verification interval Y=E <sub>max</sub> / V <sub>min</sub>		10000
Combined error	%FS	±0.020
Creep	%FS/30min	±0.016
Temperature effect on sensitivity	%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	351±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 class (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



## WIRING



- Adopt shielded, 4 conductor cable: Φ5mm
- Standard cable length: 3m