## **Type H6G Load Cell**





### **Short description**













- Nickel plated alloy steel IP66 single point load cell
- Suitable for single or double load cell structured platform scales
- Maximum platform size: 600 x 600 mm

Non OIML approved

#### **Available models**

Capacity	Accuracy	Full article description	
100kg	C3	H6G-C3-100kg-3B6	
150kg	C3	H6G-C3-150kg-3B6	
200kg	C3	H6G-C3-200kg-3B6	
250kg	C3	H6G-C3-250kg-3B6	
300kg	C3	H6G-C3-300kg-3B6	
500kg	C3	H6G-C3-500kg-3B6	
600kg	C3	H6G-C3-600kg-3B6	

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## **Detailed specifications H6G**

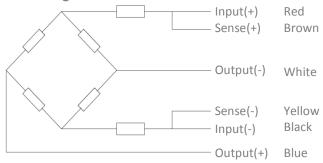
Accuracy class		C3		
Output sensitivity ( = FS )	mV/V	2.0 ± 0.2		
Maximum capacity ( E <sub>max</sub> )	kg	100, 150, 200, 250, 300, 500, 600		
Max.number of load cell intervals	n <sub>LC</sub>	3000		
Ratio of min. LC verification interval	$Y = E_{max} / v_{min}$	7500		
Combined Error	%FS	≤± 0.0230		
Minimum dead load	Of E <sub>max</sub>	0%		
Safe overload	of E <sub>max</sub>	150 %		
Ultimate overload	of E <sub>max</sub>	300 %		
Zero balance	of FS	< ± 1.0 %		
Excitation, recommended voltage	V	5~12		
Excitation maximum	V	18		
Input resistance	Ω	384 ± 4		
Output resistance	Ω	351 ± 2		
Insulation resistance	MΩ	≥5000 ( at 50VDC )		
Compensated temperature	°C	-10 ~+40		
Operating temperature	°C	-35 ~ +65		
Storage temperature	°C	-40 ~ +70		
Element material		Nickel plated alloy steel		
Ingress Protection (acc. to EN 60529)		IP66		
Recommended torque on fixation	Nm	M8: 25		
ATEX classification (optional)		II1G Ex ia II1C T4	II1D Ex iaD 20 T73°C	II3G nL IIC T4

## Wiring

#### Wiring:

Shielded, 6 conductor cable. Cable diameter: Ø6mm. Standard cable length: 3m. Shield connected to element.

#### 6-wire diagram

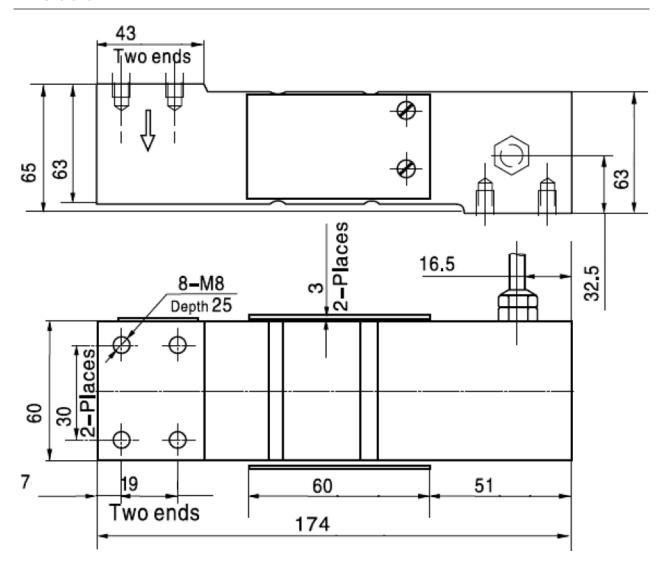


Specifications and dimensions are subject to change without notice and do not constitute any liability whatsoever.

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#### **Dimensions in mm**



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