

Type B6G Load Cell



Short description

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



Available models

Capacity	Accuracy	Full article description
100kg	C3	B6G-C3-100kg-3G6
150kg	C3	B6G-C3-150kg-3G6
200kg	C3	B6G-C3-200kg-3G6
250kg	C3	B6G-C3-250kg-3G6
300kg	C3	B6G-C3-300kg-3G6
500kg	C3	B6G-C3-500kg-3G6
600kg	C3	B6G-C3-600kg-3G6

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

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Detailed specifications B6G

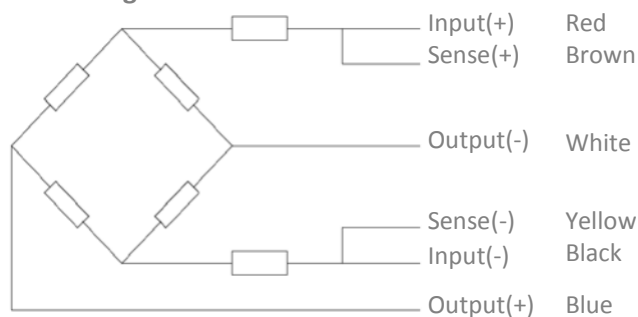
Accuracy class		C3		
Output sensitivity (= FS)	mV/V	2.0 ± 0.2		
Maximum capacity (E _{max})	kg	100, 150, 200, 250, 300, 500, 600		
Max.number of load cell intervals	n _{LC}	3000		
Ratio of min. LC verification interval	$Y = E_{max} / v_{min}$	7500		
Combined Error	%FS	≤± 0.0230		
Minimum dead load	Of E _{max}	0%		
Safe overload	of E _{max}	150 %		
Ultimate overload	of E _{max}	300 %		
Zero balance	of FS	< ± 1.0 %		
Excitation, recommended voltage	V	5 ~ 12		
Excitation maximum	V	18		
Input resistance	Ω	385 ± 5		
Output resistance	Ω	350 ± 3		
Insulation resistance	MΩ	≥5000 (at 50VDC)		
Compensated temperature	°C	-10 ~ +40		
Operating temperature	°C	-35 ~ +65		
Storage temperature	°C	-40 ~ +70		
Element material		Stainless 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.

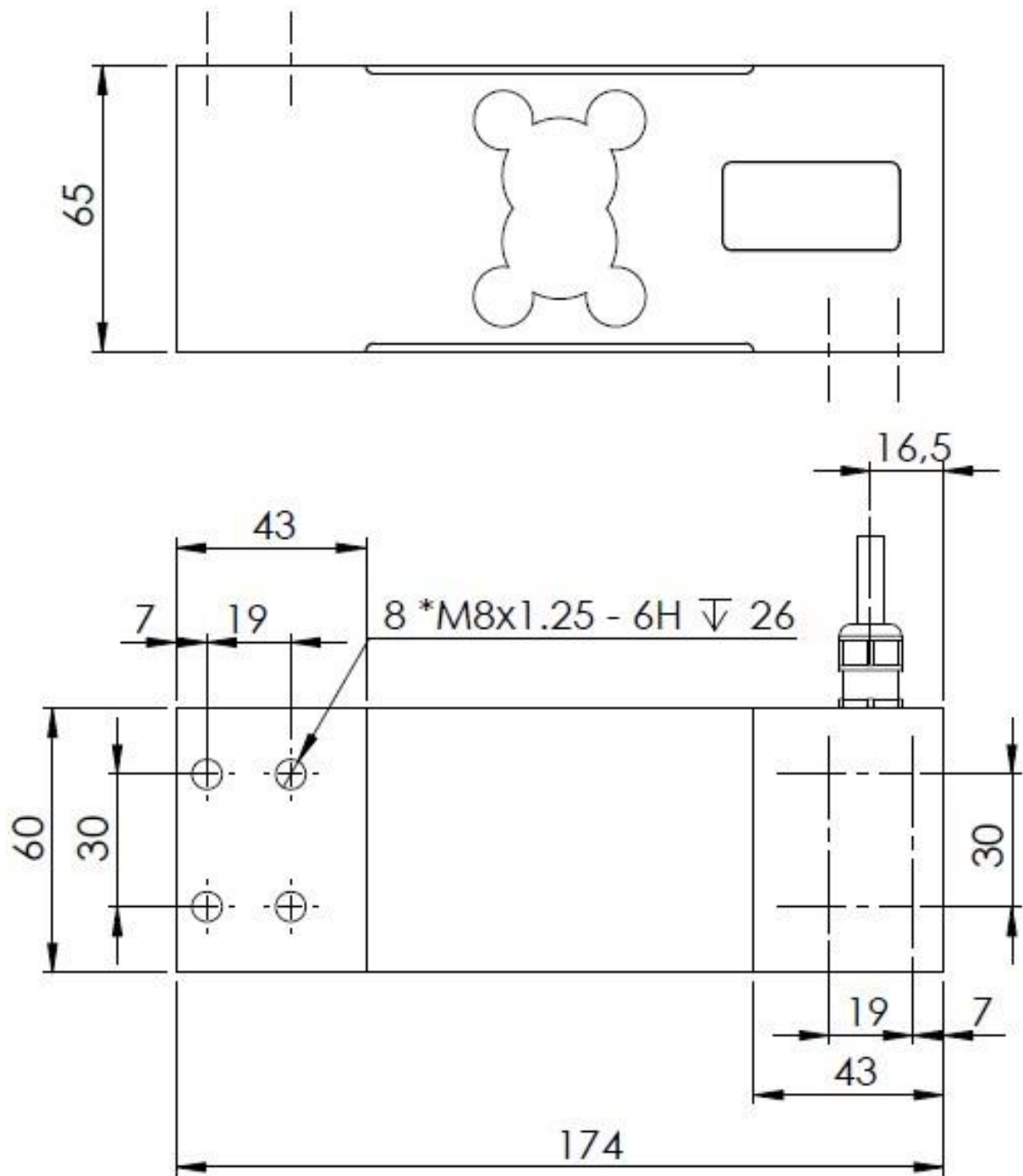
6-wire diagram



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Dimensions in mm



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