

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

Non OIML approved

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.

Type B6G Load Cell

Technical 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

Features:

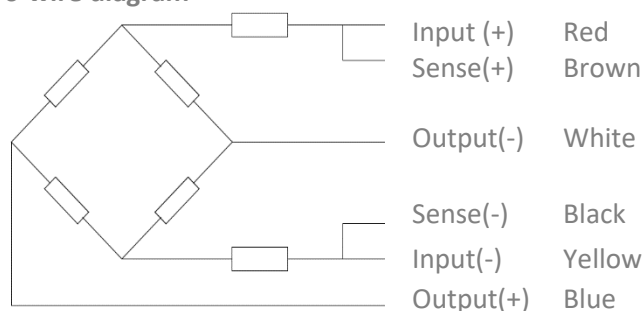
Shielded, 6 conductor cable.

Cable diameter: Ø6mm.

Standard cable length: 3m.

Shield connected to element

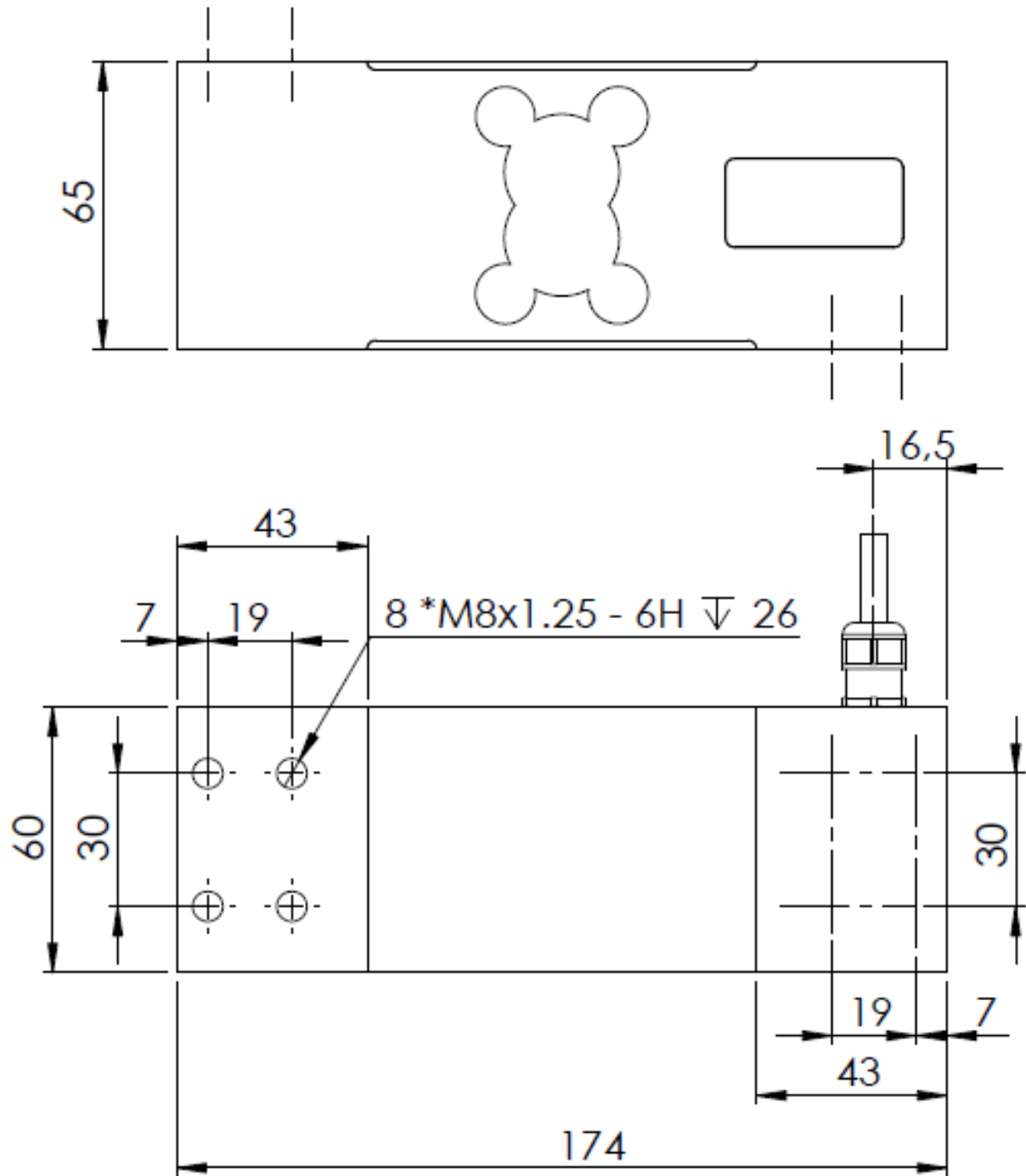
6-wire diagram



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

Type B6G Load Cell

Dimensions in mm



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