

HWC-2 | Pin Type Load Cell



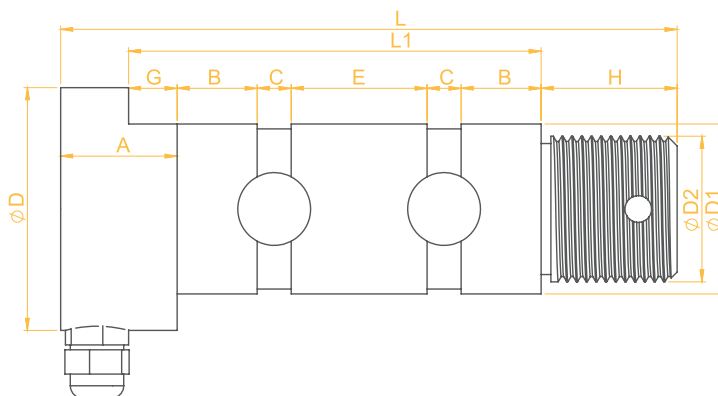
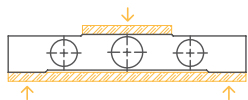
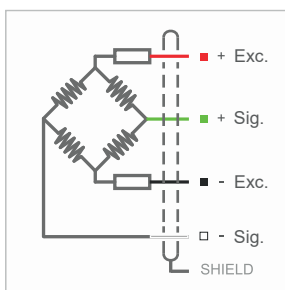
Product Description

The HWC-2 Pin Type Load Cell offers high precision with its cylindrical design and ability to measure from four different points. It is designed for use in various industrial fields, such as cranes and mobile weighing systems. This model can be manufactured to meet specific needs with various size and capacity options, providing a standard mV/V signal output, as well as analog outputs of 4-20mA, 0-10V, and a digital RS485 output for broad compatibility.

Technical Specifications

Capacity	From 1 tons to 200 tons		Insulation Resistance	≤ 5000 MΩ (100 VDC)
Accuracy Class	D1		Compensated Operating Temperature	-10 ~ +40 °C
Min. Load	0 kg		Operating Temperature	-30 ~ +70 °C
Max. Division Count (nLC)	-		Recommended Excitation Voltage	10 VDC
Min. Measuring Range (Y=E _{max} / V _{min})	-		Max. Excitation Voltage (U _{max})	15 VDC
Total Error	±0.5 %FS		Overload Capacity	150 % FS
Output Gain (FS)	1.2 ± 0.2mV/V		Breaking Load	300 % FS
Zero Balance	± 1 %FS		Protection Class	IP 66
Input Resistance	380 Ω ± 20 Ω	720 Ω ± 20 Ω	Material	Alloy / Stainless Steel
Output Resistance	350 Ω ± 5 Ω	702 Ω ± 5 Ω	Cable	4x014mm ²

Technical Dimensions and Drawings



Application Areas

Crane Overload Systems
Mobile Weighing Applications

Kapasite	L	L1	D	D1	D2	A	B	C	E	G	H	Kablo
1.5 Ton	81	47	29	17	M16x1.5	20	8	3	18	7	21	3.5 m
2 Ton	99	62	35	25	M22x1.5	24	13	6	14	10	23	3.5 m
3 Ton	113	75	39	30	M27x1.5	24	13	6	27	10	24	3.5 m
5 Ton	127	85	50	35	M30x1.5	24	16,5	7	28	10	28	3.5 m
7.5 Ton	134	88	50	41	M30x1.5	16	20	8	32	10	30	3.5 m



LPTSENS
Load Cell and Industrial Weighing Systems