

HWC-4 | Pin Type Load Cell



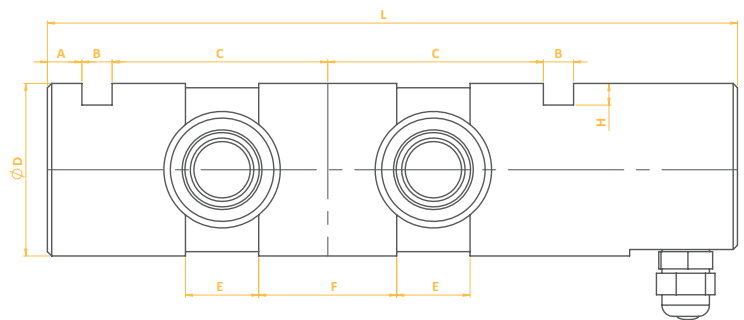
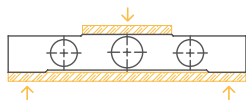
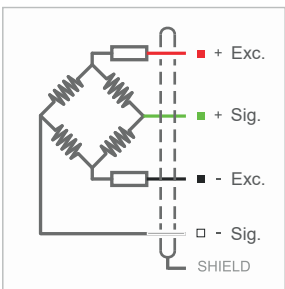
Product Description

The HWC-4 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 2 tons to 60 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=Emax / Vmin)	-		Max. Excitation Voltage (Umax)	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 67
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	4x022mm ²

Technical Dimensions and Drawings



Capacity	A	B	C	D	E	F	H	L
2 Ton	8	7	42	40	15	32	5	139
5 Ton	8	7	50	40	17	32	5	160
10 Ton	8	9	64	50	22	46	5	199
15 Ton	8	9	64	59,8	22	46	5	199
20 Ton	10	14	93	74,8	37	60	10	252
30 Ton	12	14	102	85	37	78	10	290
60 Ton	28	14	111	85	37	78	14,5	315

Application Areas

Crane Overload Systems
Mobile Weighing Applications

