



## LOAD CELL SPEC FOR CUSTOMER CONFIRMATION

Detailed description is very important for product selection

No.	ITEM	SPECIFICATION		DESCRIPTION
	<b>A-LOAD CELL</b>	Example	Customer Confirm	
1	a1, model:	<i>MLC630</i>	<b>MLC204</b>	
2	a2, strain gauge:	<i>Full beidge</i>	<b>Full beidge</b>	full bridge(one load cell for one weighing cell), half brige(2-4pcs load cell for one weighing cell)
3	a3, load range:	<i>5kg</i>	<b>200KG</b>	(0-20g(min)-1000t(max)):
4	a4, over load:	<i>6kg</i>	<b>540KG</b>	120%,150%
5	a5, Material	<i>alloy aluminum</i>	<b>alloy Steel</b>	alloy steel, stainless steel, alloy aluminum
6	<b>B-FORCE TYPE</b>			
7	b1. Force type	<i>compression</i>	<b>compression</b>	(compression, tension):
8	b2. Application	<i>weighing scale</i>	<b>force</b>	weighing scale, engineer force, test equipment
9	<b>C-WEIGHING PLATFORM</b>			
10	c1,weighing platform dimension	<i>450*450*25</i>	<b>?</b>	the Length*Width*Height (mm)
11	c2, the qty of load cell in one weighign platform	<i>4</i>	<b>1</b>	(1/2/3/4/6/8pcs.): 4pcs
12	c3, the total weight range weighing platform:	<i>0-500kg</i>	<b>0-200</b>	4pcs*10kg=40kg
13	c4, measure accuracy	<i>1g</i>	<b>0.5kg</b>	0.1g, 0.5g,,1g,2.5g,10g,0.1kg,0.5kg,1kg,2kg,5kg,10kg etc. (the minest weighing unit)
14	c5. composition error	<i>0.05%FS</i>	<b>0.2%FS</b>	0.01%, 0.02%, 0.05%, 0.1%, 0.2%, 0.5% etc.
15	<b>D-MEASURE ENVIRONMENT</b>			
16	d1, medium temperature	<i>(-10c to 50c)</i>	<b>,-10 to 55c</b>	(-20~-60-200c):
17	d2, environment temperature:	<i>(-20-65)</i>	<b>,-10 to 65c</b>	0-65c
18	d3, ambient humidity:	<i>85%</i>	<b>90%</b>	75%
19	d4, corrosive activity:	<i>anodizing</i>	<b>NA</b>	anodizing, electroplating
20	d5, explosion proof:NA	<i>NA</i>	<b>NA</b>	NA
21	<b>E-ELECTRICALSPEC</b>			
22	e1, work voltage	<i>3.3V-12v</i>	<b>5-12VDC</b>	3vdc, 5vdc, 10vdc, 24vdc
23	e2, signal input	<i>NA</i>	<b>NA</b>	NA
24	e2, signal output	<i>mv/v</i>	<b>MV/V</b>	MV/V: 0-5vdc, 0.5-4.5vdc, 0-10vdc, 4-20mA
25	e3, digital signal	<i>NA</i>	<b>NA</b>	RS232, RS485, WIFI,BT, RJ45 HART, BUS CAN



## Load cell specification selection reference

	output			
26	e4, location display	NA	NA	Point dial, LED, LCD, HMI
27	e5, wire spec:	UL1571 AWG28#	4-core shielded cable	Conventional , UL1571 AWG26#,28#,30#,32#
28	e6, wire lenght:	350	200	0-420mm,1m,2m,3m,4m,5m
29	e7, connector:	ZHR-4	ZHR-4	JST PHR/ZHR-3PIN/4PIN, MOLEX 3PIN/4PIN
30	<b>F-PURCHASE QTY</b>			
31	f1, Customers purchasing (TOTAL) pcs/set	500K/yesr	?	Customers purchase quantity per PLAN
32	f2, Customers purchasing (MOQ) pcs/set	10K/pcs.	?	Customers purchase quantity per ORDER
33	<b>G-QUOTATION</b>			
	g1. customers target price (FOB SHENZHEN)	10usd/pcs	4-8usd/pcs	MODEL=MLC204, MOQ=10KPCS, FOB PRICE=8USD/PCS
	g2. samples price (FOB SHENZHEN)	50USD/PCS	NA	MODEL=MLC204, MOQ=10KPCS, FOB PRICE=8USD/PCS
	g3. quotation (FOB SHENZHEN)	8usd/pcs	NA	MODEL=MLC204, MOQ=10KPCS, FOB PRICE=8USD/PCS
Q1	load cell dimension. do you have any suggestion of load cell dimension? as the max L*W*H.			
Q2	load cell application. the load cell is use to weighing or force measure?			
Q3	work temperature?			
Q4	do you have install structure for reference?			