



TORQUE SENSOR SPEC FOR CUSTOMER CONFIRMATION				
Detailed description is very important for product selection				
No.	ITEM	SPECIFICATION		DESCRIPTION
	A-torque sensor	Example	Customer fill in	
1	a1, model:	MLC5105A	MLC5105A	
2	a2, sensor core:	strain gauge	strain gauge	strain gauge
3	a3, load range:	1n.m	1n.m	(0-0.03n.m, 0.5, 1, 10, 100, 1k, ..300kn.m(max))
4	a4, over load:	120%	120%	120%,150%
5	a5, Material	alloy aluminum	alloy aluminum	alloy steel, stainless steel, alloy aluminum
6	B-FORCE TYPE			
7	b1. Force type	dynamic	dynamic	Static, dynamic
8	b2. Application	weighing scale	weighing scale?	Mechanical,Gear,Torque wrench,Testing Machine,Electric screw,Automatic screw machine,Motor,Viscometer,Winding tension
9	C-WEIGHING PLATFORM			
10	c1,weighing platform dimension	na	100*100?	the Length*Width*Height (mm)
11	c2, the qty of load cell in one weighign platform	na	1?	(1/2/3/4/6/8pcs.): 4pcs
12	c3, the total weight range weighing platform:	na	100G?	4pcs*10kg=40kg
13	c4, measure accuracy	0.2	0.2	0.2%fs, 0.3%fs, 0.5%fs,1%fs
14	c5. composition error	x	x	x
15	D-MEASURE ENVIRONMENT			
16	d1, medium temperature	(-10c to 50c)	?	(-20~-60c):
17	d2, environment temperature:	(-20-65)	?	0-65c
18	d3, ambient humidity:	85%		75%
19	d4, corrosive activity:	na	na	anodizing, electroplating
20	d5, explosion proof:NA	x	x	x
21	E-ELECTRICALSPEC			
22	e1, work voltage	3.3V-12v		3vdc, 5vdc, 10vdc, 24vdc
23	e2, signal input	NA	NA	
24	e3, signal output	mv/v		MV/V: 0-5vdc, 0.5-4.5vdc, 0-10vdc, 4-20mA
25	e4, digital signal output	NA		RS232, RS485, WIFI,BT, RJ45 HART, BUS CAN
26	e5, location display	NA		Point dial, LED, LCD, HMI
27	e6, wire spec:	common	common	Anti-corrosion, high temperature, hollow tube, common
28	e7, wire lenght:	1m		0-20m



MANYEAR TECHNOLOGY

torque sensor specification selection reference

29	e8, connector:	x		x
30	F-PURCHASE QTY			
31	f1, Customers purchasing (TOTAL) pcs/set	10/pcs	?	Customers purchase quantity per PLAN
32	f2, Customers purchasing (MOQ) pcs/set	100/pcs	?	Customers purchase quantity per ORDER