



PRESSURE SENSOR SPEC for CUSTOMER CONFIRMATION

Detailed description is very important for product selection

No.	ITEM	SPECIFICATION		DESCRIPTION
	A-LOAD CELL	<i>Example</i>	Customer fill in	
1	a1, model:	MPT201	Mpt202T	
2	a2, pressure core:	silicon	silicon	silicon, strain type, capacitive type, single crystal silicon, sapphire
3	a3, pressure range:	100bar	3bar	, -20kpa to 0bar, 0-125pa, 1kpa, 10bar...20kbar(max)
4	a4, over load:	150%	150%	120%,150%, 200%, 300%, 500%, 700%
5	a5, Material	stainless steel	stainless steel	Stainless steel, aluminum alloy, polyethylene
6	B-FORCE TYPE			
7	b1. pressure type	gauge pressure	gauge pressure	Gauge pressure, absolute pressure, differential pressure
8	b2. Application	water pressure	LIQUID	Liquid, gas, melt, water vapor, food, medicine,
9	C-Dimension			
10	c1,thread size	M20*1.5	G1/2	M12/14/18/20, G1/4,G1/2, NPT..
11	c2, the qty of load cell in one weighign platform	Not applicable	Not applicable	Not applicable
12	c3, the total weight range weighing platform:	Not applicable	Not applicable	Not applicable
13	c4, measure accuracy	Not applicable	Not applicable	Not applicable
14	c5. composition error	Na	0.25%FS	0.1%, 0.2%, 0.5%,
15	D-MEASURE ENVIRONMENT			
16	d1, medium temperature	(0c to 50c)	0-450C	(-260C~196C~150C~0-60-200c~300C~400C~800C~1000C):
17	d2, environment temperature:	(-20-65)	0-45C	0-65c
18	d3, ambient humidity:	85%	85%	0-100%
19	d4, corrosive activity:	water	water	Strong acid, strong alkali, sea water
20	d5, explosion proof:NA	NA	NA	EXCII4/6
21	E-ELECTRICALSPEC			
22	e1, work voltage	24VDC	24VDC	5vdc, 10vdc, 24vdc
23	e2, signal input	Not applicable	Not applicable	Not applicable
24	e3, signal output	0-10VDC	4-20MA	MV/V: 0-5vdc, 0.5-4.5vdc, 0-10vdc, 4-20mA,,PNP,NPN
25	e4, digital signal output	rs485	rs485	RS232, RS485, HART,



MANYEAR TECHNOLOGY

Pressure sensor specification selection reference

26	e5, location display	<i>led</i>	led	Point dial, LED, LCD, HMI
27	e6, wire spec:	<i>common</i>	common	Anti-corrosion, high temperature, hollow tube,common
28	e7, wire lenght:	<i>1m</i>	1m	0-100m
29	e8, connector:	<i>hessman</i>	Hessman	Hessman, aviation connector, fastening nut, direct outlet
30	F-PURCHASE QTY			
31	f1, Customers purchasing (TOTAL) pcs/set	<i>10/pcs</i>	?	Customers purchase quantity per PLAN
32	f2, Customers purchasing (MOQ) pcs/set	<i>1K/pcs</i>	?	Customers purchase quantity per ORDER