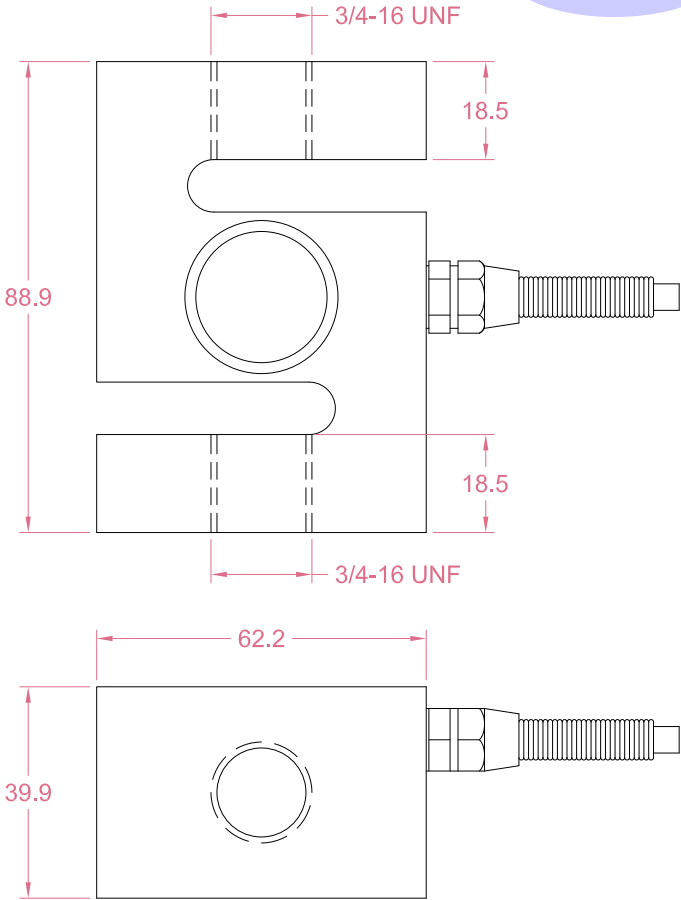


299usd/pc



Order example:

1 x LSB400 - 5klb

Quantity Model Capacity

Email to sales@loadcellsensor.com for a quote

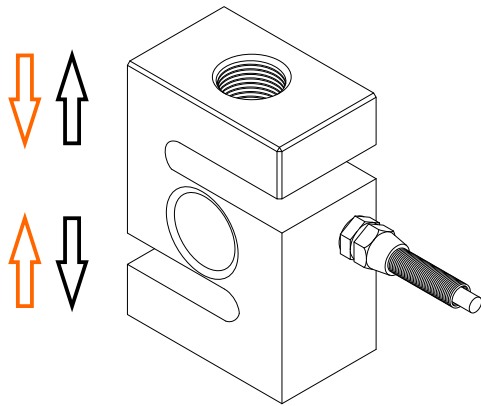
Specifications			
Rated Capacity	5/10 klb		
Rated Output	2.0 mV/V	Compensated Temp.	0...+80°C
Excitation	3~15V	Operating Temp.	-40...+120°C
Zero Balance	±0.05 mV/V	Temp. Coeff. of Zero	±0.005% F.S./°C
Nonlinearity	±0.1% F.S.	Temp. Coeff. of Span	±0.005% F.S./°C
Hysteresis	±0.1% F.S.	Input Resistance	380±30 Ohms
Nonrepeatability	±0.05% F.S.	Output Resistance	352±5 Ohms
Creep(3min)	±0.05% F.S.	Insulation Resistance	>2000M Ohms(50V)
Safe Load Limit	150% F.S.	IP Rating	IP65
Breaking Load	200% F.S.	Element Material	Stainless steel
Cable	Ø5*5000mm 4-conductor shielded cable		

• LCS reserves the right to modify its design and specifications without notice

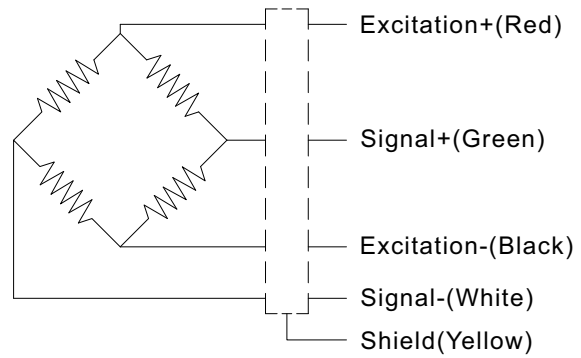
P:1/3



Load direction



Wiring Code@Tension



Shield is NOT connected to the sensor body





CERTIFICATE OF CALIBRATION

Date: 2022-06-10

Temperature: 22°C

Item No.	LSB400-5klb		
Rated Output	2.0054 mV/V	Compensated Temp.	0...+80°C
Excitation	3~15V	Operating Temp.	-40...+120°C
Zero Balance	±0.05mV/V	Temp. Shift Zero	±0.005% F.S./°C
Nonlinearity	±0.1% F.S.	Temp. Shift Span	±0.005% F.S./°C
Hysteresis	±0.1% F.S.	Input Resistance	380±30Ω
Nonrepeatability	±0.05% F.S.	Output Resistance	352±5Ω
Creep(3min)	±0.05% F.S.	Insulation Resistance	>2000MΩ(50V)
Safe Overload	150% F.S.	Ingress Protection	IP65
Ultimate Overload	200% F.S.	Material of Element	Stainless steel
Cable	Ø5*5000mm		
Wiring code @ Tension	Red: E+ Black: E- Green: S+ White: S- Yellow: Shield		
S/N:F220610088			

Test Data @ Tension

Load (klb)	Output(mV/V)	
	Increase	Decrease
0	0	0.0002
1	0.4022	0.4029
2	0.8015	0.8018
3	1.2040	1.2041
5	2.0054	
	Nonlinearity	Hysteresis
	0.06%	0.04%

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