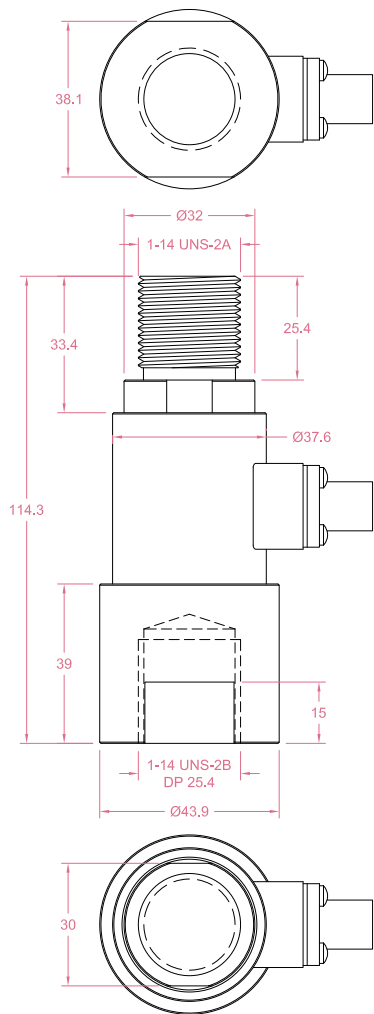


Dimensions in “mm”

329usd/pc



Order example:

1 x LCB450 - 20klb

Quantity

Model

Capacity

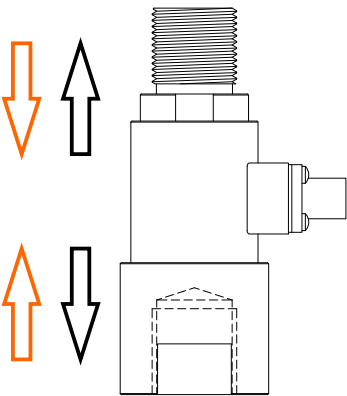
Email to sales@loadcellsensor.com for a quote

Specifications			
Rated Capacity	5/10/20 klb		
Rated Output	2.0 mV/V	Compensated Temp.	0...+60°C
Excitation	3~15V	Operating Temp.	-20...+80°C
Zero Balance	±0.03 mV/V	Temp. Coeff. of Zero	±0.01% F.S./°C
Nonlinearity	±0.5% F.S.	Temp. Coeff. of Span	±0.03% F.S./°C
Hysteresis	±0.5% F.S.	Input Resistance	380±30 Ohms
Nonrepeatability	±0.1% F.S.	Output Resistance	350±5 Ohms
Creep(5min)	±0.1% F.S.	Insulation Resistance	>2000M Ohms(50V)
Safe Load Limit	150% F.S.	IP Rating	IP62
Breaking Load	200% F.S.	Element Material	Stainless steel
Cable	Ø5.3*3000mm 4-conductor shielded(with mating connector)		

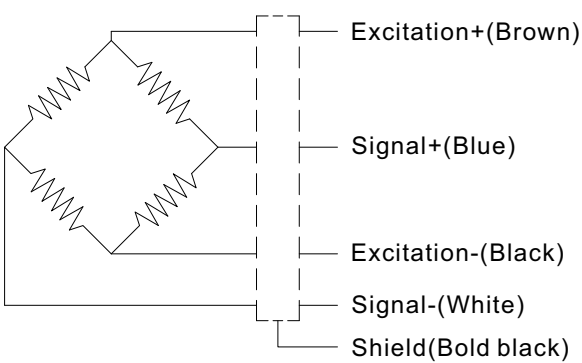
• LCS reserves the right to modify its design and specifications without notice

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Load direction



Wiring Code@Tension



Shield is NOT connected to the sensor body

Sensor/Amplifier/Indicator

Items	Power supply	Output/Function
LCB450	3-15V (Constant)	-30mV...+30mV (Depending on the power supply)
LCB450 + Analog amplifier	12~24V DC	0-3.3V,0-5V,0-10V,0-2.5-5V,0-5-10V -3.3-3.3V,-5-5V,-10-10V 0-20mA,4-20mA,4-12-20mA...
LCB450 + Digital amplifier	12~24V DC	RS485 or RS232 output
LCB450 + Indicator	12~24V DC	Display force value Switch/Relay output Peak holding RS485/RS232 interface 0-5V/0-10V/4-20mA output
Email us for datasheet of amplifier and indicator		

Customization options

Cable (Length/Specifications/Connectors)
Dimensions and measuring range
Working Temperature (-40°C...+180°C)



CERTIFICATE OF CALIBRATION

Date: 2022-06-10

Temperature: 22°C

Item No.	LCB450-20klb		
Rated Output	1.9999 mV/V	Compensated Temp.	0...+60°C
Excitation	3~15V	Operating Temp.	-20...+80°C
Zero Balance	±0.03mV/V	Temp. Shift Zero	±0.01% F.S./°C
Nonlinearity	±0.5% F.S.	Temp. Shift Span	±0.03% F.S./°C
Hysteresis	±0.5% F.S.	Input Resistance	380±30Ω
Nonrepeatability	±0.1% F.S.	Output Resistance	350±5Ω
Creep(5min)	±0.1% F.S.	Insulation Resistance	>2000MΩ(50V)
Safe Overload	150% F.S.	Ingress Protection	IP62
Ultimate Overload	200% F.S.	Material of Element	Stainless steel
Cable	Ø5.3*3000mm		
Wiring code @ Tension	Brown: E+ Black: E- Blue: S+ White: S- Bold black: Shield		
S/N:F220610088			

Test Data @ Tension

Load (klb)	Output(mV/V)	
	Increase	Decrease
0	0	0
4	0.4018	0.4023
8	0.8026	0.8035
12	1.2015	1.2021
20	1.9999	
	Nonlinearity	Hysteresis
	0.14%	0.05%

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