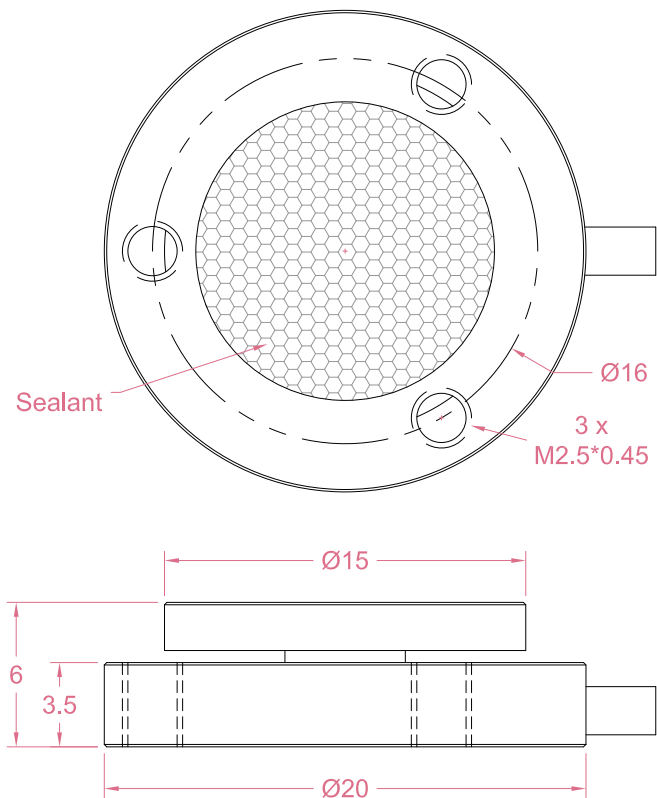




Order example:

2

x

LCB08

-

100N

Quantity

Model

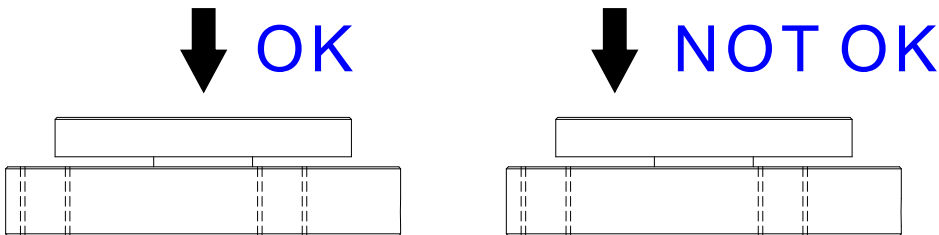
Capacity

Email to sales@loadcellsensor.com for a quote

Specifications			
Rated Capacity	50/100/200/500 N		
Rated Output	0.7~1.5 mV/V	Compensated Temp.	0...+40°C
Excitation	3~12V	Operating Temp.	-20...+60°C
Zero Balance	±0.1 mV/V	Temp. Coeff. of Zero	±0.05% F.S./°C
Nonlinearity	±1% F.S.	Temp. Coeff. of Span	±0.03% F.S./°C
Hysteresis	± 1% F.S.	Input Resistance	1000±200 Ohms
Nonrepeatability	±0.5% F.S.	Output Resistance	1000±200 Ohms
Creep(5min)	±0.3% F.S.	Insulation Resistance	>2000M Ohms(50V)
Safe Load Limit	150% F.S.	IP Rating	IP64
Breaking Load	200% F.S.	Element Material	Stainless steel
Cable	Ø2*3000mm 4-conductor shielded cable		

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

Load direction



The center of gravity of the force should be in line with the center of the sensor

Sensor/Amplifier/Indicator

Items	Power supply	Output/Function
LCB08	3-12V (Constant)	0...+18mV (Depending on the power supply)
LCB08 + Analog amplifier	12~24V DC	0-3.3V,0-5V,0-10V, 0-20mA,4-20mA...
LCB08 + Digital amplifier	12~24V DC	RS485 or RS232 output
LCB08 + 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		