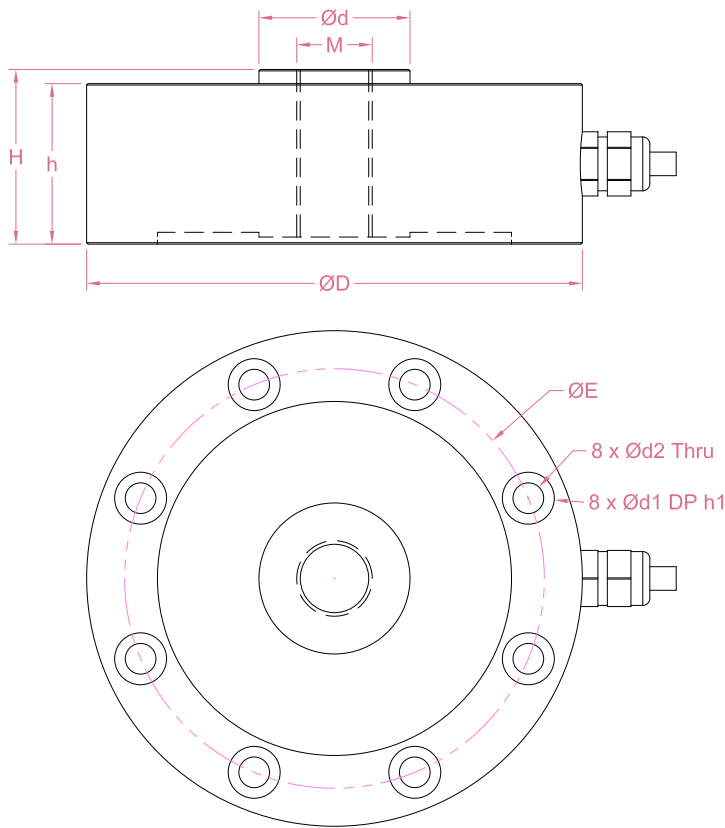


Dimensions in "mm"





Order example:

2 x LCP04 - 50kN

Quantity

Model

Capacity

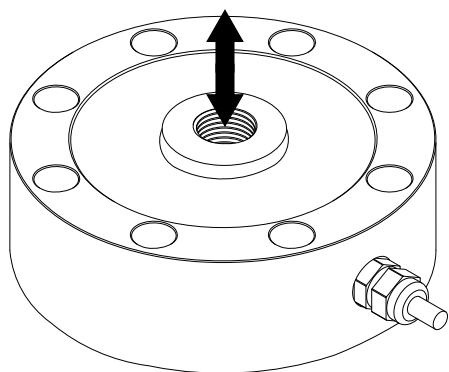
Email to sales@loadcellsensor.com for a quote

Capacity	D	H	h	d	d2	d1	h1	E	M	Price
5/10/20/30/50/70kN	105	37	34	32	6.5	11	10	88.9	M16*1.5	99usd/pc
100/200/250kN	125	52	48	39	8.5	14	11	101.6	M32*1.5	129usd/pc
300/500kN	145	58	54	50	10.5	17	11	116.8	M40*1.5	179usd/pc

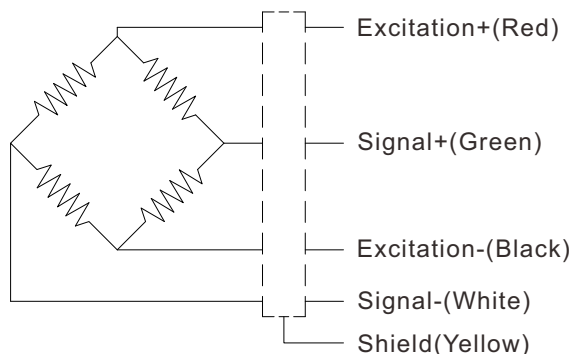
Specifications			
Rated Capacity	5/10/20/30/50/70/100/200/250/300/500 kN		
Rated Output	2.0 mV/V	Compensated Temp.	-10...+40°C
Excitation	3~15V	Operating Temp.	-20...+60°C
Zero Balance	±0.05 mV/V	Temp. Coeff. of Zero	±0.005% F.S./°C
Nonlinearity	±0.1% F.S. ≥300kN:±0.2% F.S.	Temp. Coeff. of Span	±0.005% F.S./°C
Hysteresis	±0.1% F.S. ≥300kN:±0.2% F.S.	Input Resistance	385±30 Ohms
Nonrepeatability	±0.05% F.S. ≥300kN:±0.1% F.S.	Output Resistance	350±10 Ohms
Creep(5min)	±0.03% F.S.	Insulation Resistance	>2000M Ohms(50V)
Safe Load Limit	150% F.S.	IP Rating	IP66
Breaking Load	200% F.S.	Element Material	Alloy steel
Cable	5kN~30kN: Ø5*3000mm 4-conductor shielded cable 50kN~500kN: Ø5.8*6000mm 4-conductor shielded cable		

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

Load direction



Wiring Code@Compression



Shield is NOT connected to the sensor body

Sensor/Amplifier/Indicator

Items	Power supply	Output/Function
LCP04	3-15V (Constant)	-30mV...+30mV (Depending on the power supply)
LCP04 + Analog amplifier	12~24V DC	0-3.3V,0-5V,0-10V, -5-5V,-10-10V,0-5-10V 0-20mA,4-20mA,4-12-20mA...
LCP04 + Digital amplifier	12~24V DC	RS485 or RS232 output
LCP04 + 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...+150°C)