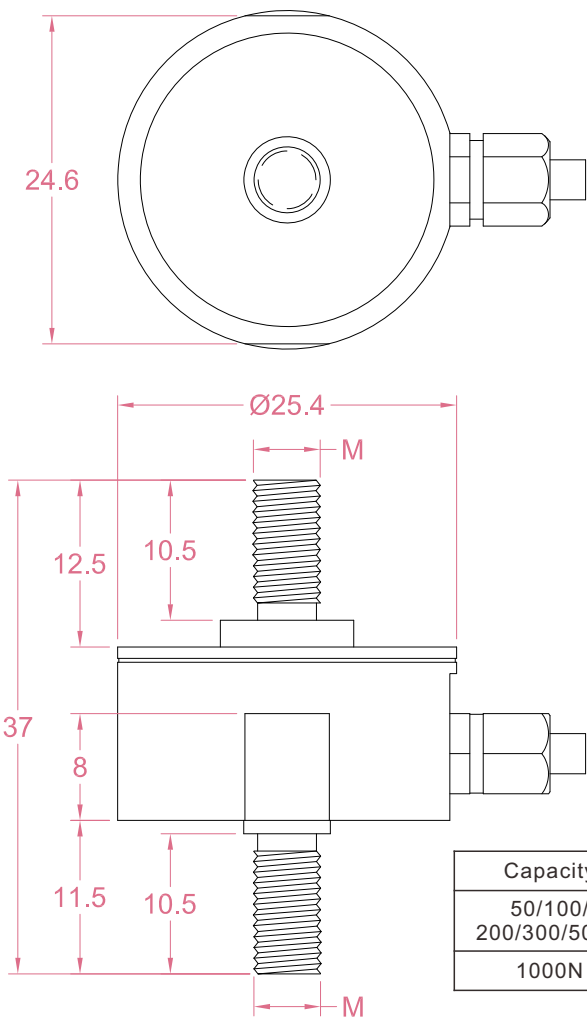


Dimensions in “mm”



Order example:

2 x LCR05 - 50N

Quantity

Model

Capacity

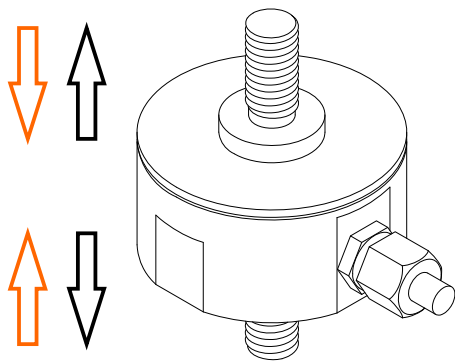
Email to sales@loadcellsensor.com for a quote

Capacity	M
50/100/200/300/500N	M5*0.8
1000N	M6*1

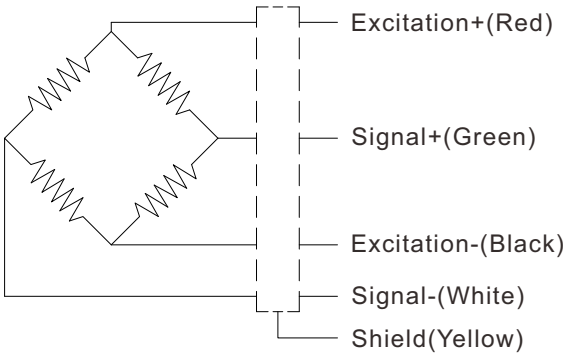
Specifications			
Rated Capacity	50/100/200/300/500/1000 N		
Rated Output	2.0 mV/V	Compensated Temp.	0...+40°C
Excitation	3~15V	Operating Temp.	-20...+60°C
Zero Balance	±0.06 mV/V	Temp. Coeff. of Zero	±0.02% F.S./°C
Nonlinearity	±0.5% F.S. ≥200N:±0.3% F.S.	Temp. Coeff. of Span	±0.02% F.S./°C
Hysteresis	±0.5% F.S. ≥200N:±0.3% F.S.	Input Resistance	700±100 Ohms
Nonrepeatability	±0.1% F.S.	Output Resistance	700±100 Ohms
Creep(5min)	±0.05% 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	Ø3*4000mm 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
LCR05	3-15V (Constant)	-30mV...+30mV (Depending on the power supply)
LCR05 + 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...
LCR05 + Digital amplifier	12~24V DC	RS485 or RS232 output
LCR05 + 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)
IP Rating (Up to IP68)