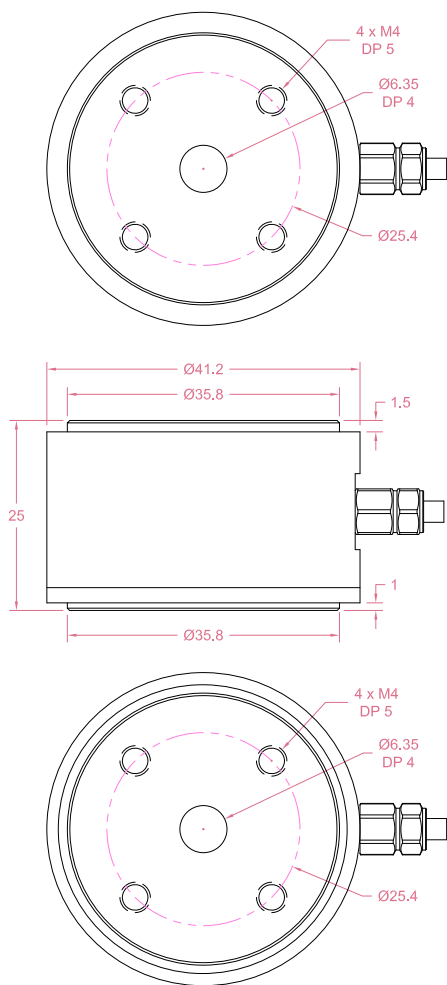




Order example:

1 x LCF06 - 5kN

Quantity Model Capacity

Email to sales@loadcellsensor.com for a quote

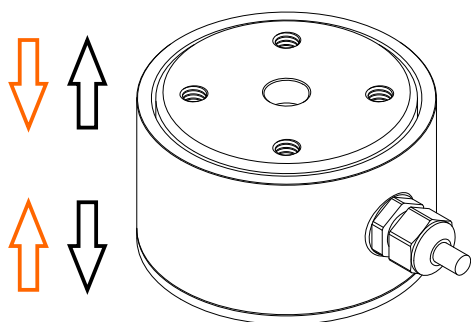
Specifications			
Rated Capacity	100/200/500/1k/2k/3k/5k/10k/20k N		
Rated Output	2.0 mV/V	Compensated Temp.	0...+40°C
Excitation	3~15V	Operating Temp.	-20...+60°C
Zero Balance	±0.1 mV/V	Temp. Coeff. of Zero	±0.02% F.S./°C
Nonlinearity	±0.1% F.S.	Temp. Coeff. of Span	±0.02% F.S./°C
Hysteresis	±0.1% F.S.	Bridge Resistance	≤1kN: 500±50 Ohms ≥2kN: 1000±50 Ohms
Nonrepeatability	±0.05% F.S.		
Creep(3min)	±0.1% F.S.	Insulation Resistance	>2000M Ohms(50V)
Safe Load Limit	150% F.S.	IP Rating	Standard: IP52 Optional: IP67
Breaking Load	200% F.S.	Element Material	Stainless steel
Cable	Ø3*3000mm 4-conductor shielded cable		

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

P:1/2

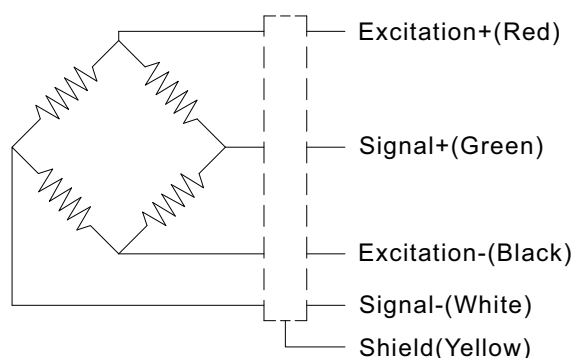


Load direction



Compression up to 20kN
Tension up to 5kN

Wiring Code@Compression



Shield is NOT connected to the sensor body

Sensor/Amplifier/Indicator

Items	Power supply	Output/Function
LCF06	3-15V (Constant)	-30mV...+30mV (Depending on the power supply)
LCF06 + 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...
LCF06 + Digital amplifier	12~24V DC	RS485 or RS232 output
LCF06 + 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)
IP Rating (Up to IP68)

