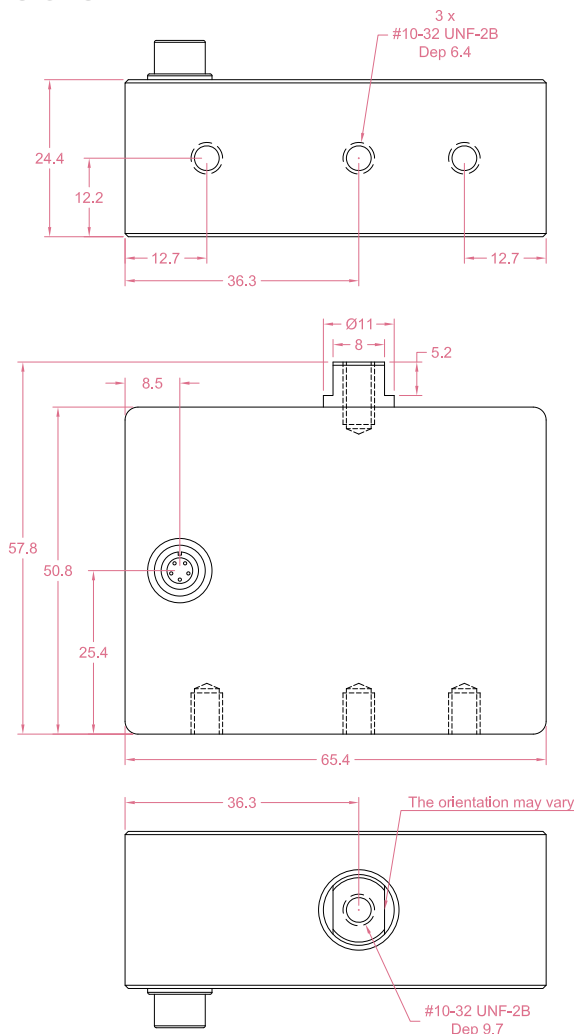


Dimensions in "mm"



299usd/pc



Order example:

1 x LRF400 - 50kg

Quantity

Model

Capacity

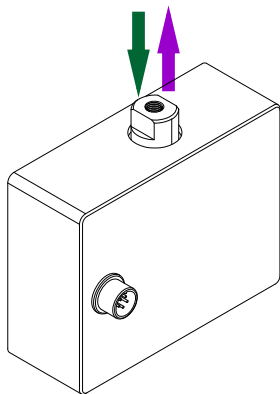
Email to sales@loadcellsensor.com for a quote

Specifications			
Rated Capacity	1/2/5/10/20/30/50 kg		
Rated Output	2.0 mV/V	Compensated Temp.	0...+40°C
Excitation	3~15V	Operating Temp.	-20...+65°C
Zero Balance	±0.05 mV/V	Temp. Coeff. of Zero	±0.02% F.S./°C
Nonlinearity	±0.05% F.S.	Temp. Coeff. of Span	±0.02% F.S./°C
Hysteresis	±0.05% F.S.	Input Resistance	500±50 Ohms
Nonrepeatability	±0.05% F.S.	Output Resistance	500±20 Ohms
Creep(3min)	±0.05% F.S.	Insulation Resistance	>2000M Ohms(50V)
Safe Load Limit	150% F.S.	IP Rating	IP40
Breaking Load	200% F.S.	Element Material	Aluminum
Cable	Ø3*3000mm 4-conductor shielded cable with mating connector		

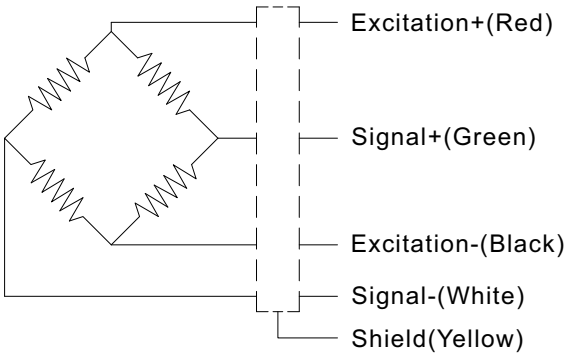
• LCS reserves the right to modify its design and specifications without notice

P:1/3

Load direction



Wiring Code@Compression



Shield is NOT connected to the sensor body

Sensor/Amplifier/Indicator

Items	Power supply	Output/Function
LRF400	3-15V (Constant)	-30mV...+30mV (Depending on the power supply)
LRF400 + 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...
LRF400 + Digital amplifier	12~24V DC	RS485 or RS232 output
LRF400 + 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: 2023-06-06
Temperature: 25°C

Table with 4 columns: Item No., LRF400-50kg, and two unlabeled columns. Rows include Rated Output, Excitation, Zero Balance, Nonlinearity, Hysteresis, Nonrepeatability, Creep(3min), Safe Overload, Ultimate Overload, Cable, Wiring code @ Compression, and S/N: F230606098.

Test Data @ Compression

Table with 3 columns: Load (kg), Output(mV/V) Increase, and Output(mV/V) Decrease. Rows show data for loads 0, 10, 20, 30, 50 kg, and Nonlinearity/Hysteresis percentages.