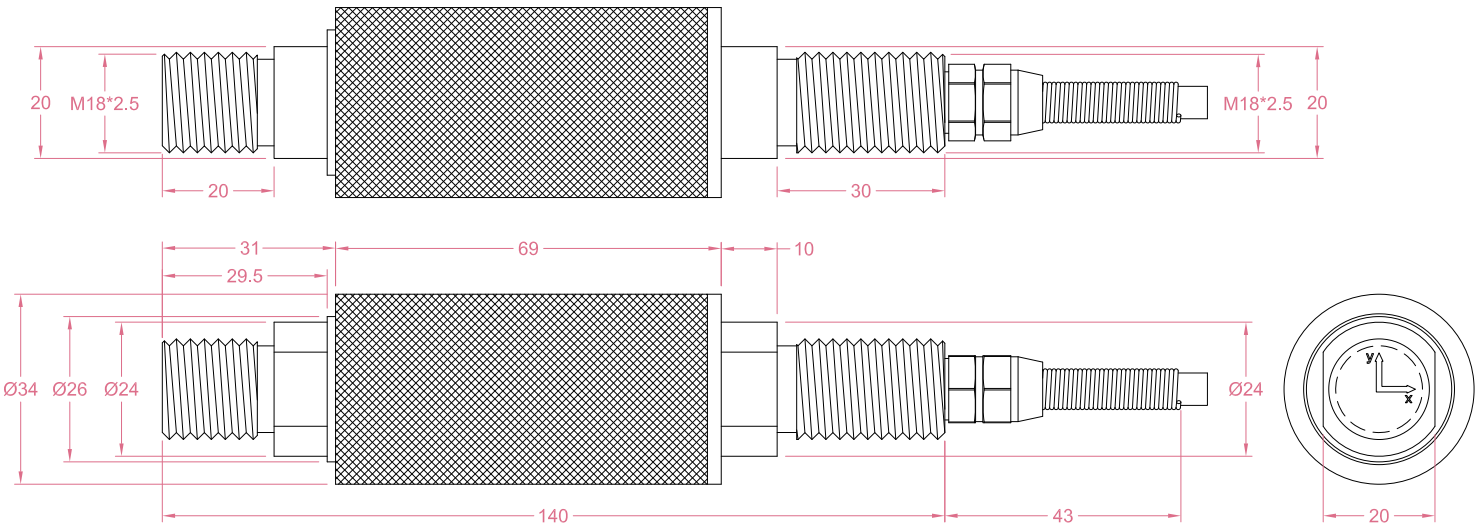
Model:LCM12

Dimensions in “mm”



Order example:

2 x LCM12 - 0.5kN

Quantity | Model | Capacity (Fx=Fy)

Email to sales@loadcellsensor.com for a quote

Specifications			
Rated Capacity	Fx=Fy=0.5/1/2 kN		
Rated Output	1.5 mV/V	Compensated Temp.	0...+40°C
Excitation	3~12V	Operating Temp.	-10...+60°C
Zero Balance	±0.05 mV/V	Temp. Coeff. of Zero	±0.03% F.S./°C
Nonlinearity	±0.2% F.S.	Temp. Coeff. of Span	±0.02% F.S./°C
Hysteresis	±0.2% F.S.	Input Resistance	180±30 Ohms
Nonrepeatability	±0.1% F.S.	Output Resistance	350±10 Ohms
Creep(3min)	±0.05% F.S.	Insulation Resistance	>2000M Ohms(50V)
Safe Load Limit	150% F.S.	IP Rating	IP50
Breaking Load	200% F.S.	Element Material	Stainless steel
Cable	Ø5.8*2000mm 6-conductor shielded cable		

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

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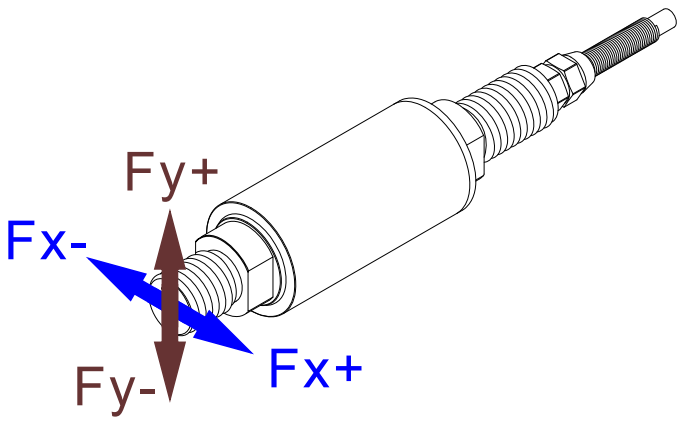
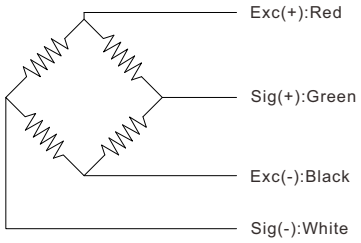
Load direction

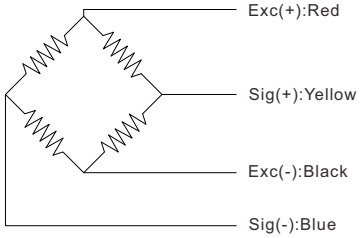


Wiring Code

X-axis



Y-axis



Shield is NOT connected to the sensor body

Sensor/Amplifier/Indicator

Items	Power supply	Output/Function
LCM12	3-12V (Constant)	-18mV...+18mV (Depending on the power supply)
LCM12 + 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...
LCM12 + Digital amplifier	12~24V DC	RS485 or RS232 output
Email us for datasheet of amplifiers		

Customization options

Cable (Length/Specifications/Connectors)
Dimensions and measuring range

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