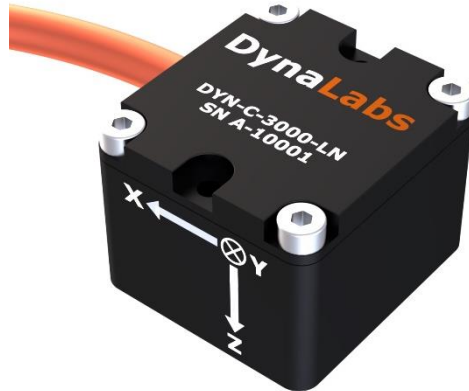


- Accurate DC measurement
- High frequency response
- High shock protection
- Low noise – high resolution
- Differential output signal
- Gas damping



- Structural monitoring and testing
- Aerospace vibration testing
- Automotive ride quality & comfort
- Railway engineering
- GVT and flutter testing

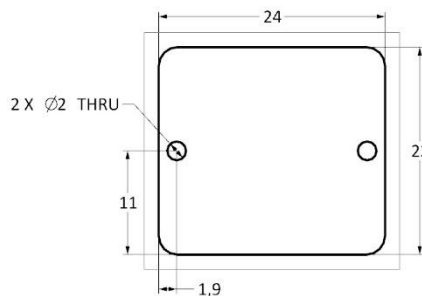
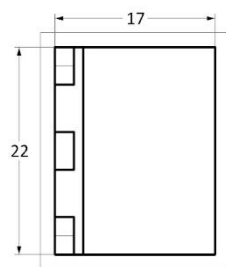
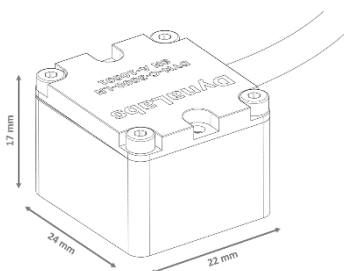
Specifications:

		3002LN	3005LN	3010LN	3030LN	3050LN	3100LN	3200LN
Full-scale acceleration	(g)	± 2	± 5	± 10	± 30	± 50	± 100	± 200
Sensitivity	(mV/g)	1,350	540	270	90	54	27	13.5
Frequency range (±5%)	(Hz)	250	700	1000	1500	1500	1500	1,500
Non-linearity (full scale)	(%)	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Noise (in band)	(µg/√Hz)	7	17	34	102	170	339	678
Bias temperature	(mg/°C)	± 0.2	± 0.5	± 1	± 3	± 5	± 10	± 20
Shock survivability	(g)	2,500	2,500	2,500	3,000	3,000	3,000	3,000

Physical and Environmental

Protection Level	IP 68
Operating Voltage	5 V – 20 V
Operating Temperature	-40 °C to +100 °C
Weight (without cable)	17 g (aluminum) 43.5 g (steel)
Housing Material	Aluminum or Steel
Connector (Optional)	D-Sub 9 or 15 pin, Lemo, Binder
Mounting	Adhesive or screw mount
Base plate (Optional)	Aluminum or Steel

Technical Drawings:



Options:

- Custom Cable Length
- Custom Housing Material
- Custom Connector
- Base plate