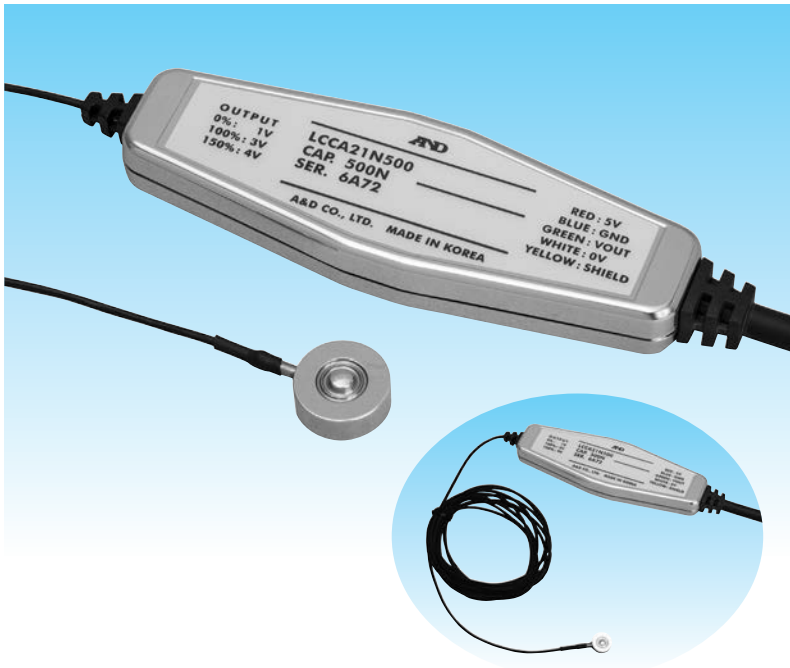


LCCA21 Series

Stainless Steel Compact Compression Load Cell

Can be used for load distribution and press pressure measurement



Model No.	Capacity
LCCA21N100	10.20kg (100N)
LCCA21N200	20.39kg (200N)
LCCA21N500	50.99kg (500N)
LCCA21KN001	102.0kg (1kN)

Specifications

- Safe load limit ————— 150% of R.C.
- Combined error ————— 0.5% of R.O.
- Supply voltage ————— DC5V±0.25V less than 16mA
- Load resistance ————— more than 5kΩ
- Output voltage ————— 1V to 4V *1
- Zero voltage ————— 1V±0.04V
- Span voltage ————— 2V±0.01V (1V to 3V)
- Insulation resistance — 500MΩ/DC50V
between signal wires and load cell
- Compensated temperature range — 0°C to 70°C
- Permissible temperature range — -10°C to 80°C
- Temperature effect on
Zero balance ————— 0.6% of R.O./10°C Typ.
Span ————— 0.6% of Load/10°C Typ.
- Frequency characteristics — 100Hz (-3dB)
- Cable diameter/length
From load cell to amplifier — ø2mm/2m
From amplifier ————— ø6mm/0.5m
- Dustproof/waterproof — Load cell IP64
- Include standard attachment holder 1 piece and amplifier case holder 1 set

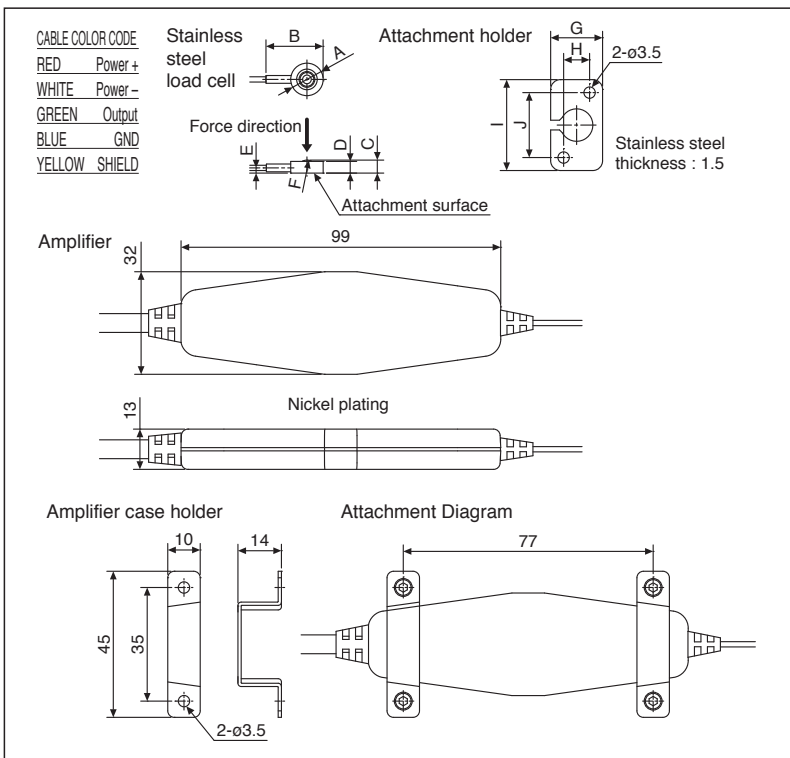
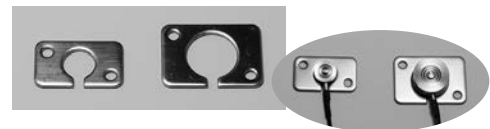
Resonance frequency

LCCA21N100	LCCA21N200	LCCA21N500	LCCA21KN001
45kHz	55kHz	30kHz	35kHz

*1

Load [% of R.C.]	0%	100%	150%
Output voltage	1V	3V	4V

Standard attachment holder



Model No.	A	B	C	D	E	F	G	H	I	J	Net Weight (g)
LCCA21N100/N200	ø10	18	4	3.6	1.6	SR3	16	8	28	20	Approx. 65
LCCA21N500/KN001	ø16	24	7	6	3	SR6	22	14	32	24	Approx. 70

Unit = mm

* Net Weight includes the amplifier and cables