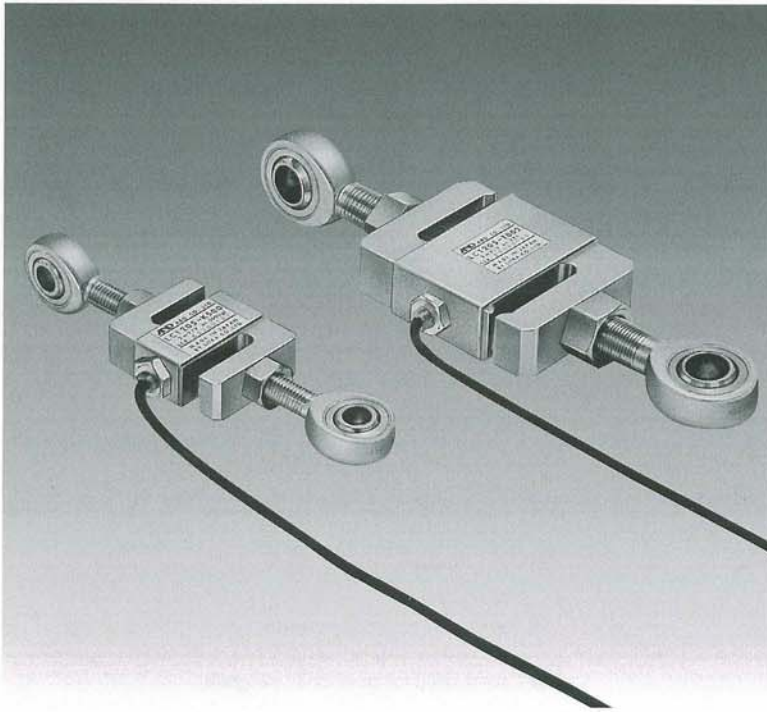


Tension/Compression Load Cells ——— 20kg~5t

6 For general purpose tension, Compression measuring

LC-1205 Series (Aluminum/Tool Steel)



Capacity	Model No.
20kgf*	LC1205-K020
50kgf*	LC1205-K050
100kgf	LC1205-K100
200kgf	LC1205-K200
500kgf	LC1205-K500
1tf	LC1205-T001A
2tf	LC1205-T002
5tf	LC1205-T005

*Aluminum

Features

- Dual guided cantilever and shear beam design for high accuracy
- Compact, lightweight and easy to handle
- Temperature compensation maintains both zero and span from -10°C~+60°C(+14°F~+104°F)
- Moisture proof
- Can be used for multi-point weighing

Specifications

Rated capacities	20kgf, 50kgf, 100kgf, 200kgf, 500kgf, 1tf, 2tf, 5tf
Rated output	2mV/V $\pm$ 0.5% (20kgf, 50kgf: 1.5mV/V $\pm$ 0.5%)
Maximum safe overload	200% of rated capacity
Combined error	$\pm$ 0.02% of rated output
Creep	$\pm$ 0.1% of rated output/hour
Zero balance	$\pm$ 2% of rated output
Compensated temperature range	-10°C~+60°C/+14°F~+104°F
Recommended excitation voltage	12V
Maximum excitation voltage	15V
Input terminal resistance	Approximately 400 Ω
Output terminal resistance	350 Ω $\pm$ 3.5 Ω
Insulation resistance	Greater than 5000M Ω at DC50V
Temperature effect	-Zero: 0.007% of rated output/°C -Span: 0.002% of rated output/°C
Typ. Cable length	3m/118 inches (1,2&5t: 5m/197 inches)

CABLE COLOR CODE

AS TENSION LOAD CELL

RED	EXC	+
WHITE	EXC	-
GREEN	SIG	+
BLUE	SIG	-
YELLOW	SHIELD	

AS COMPRESSION LOAD CELL

RED	EXC	+
WHITE	EXC	-
GREEN	SIG	-
BLUE	SIG	+
YELLOW	SHIELD	

UNIT=mm/inches

Capacity	A	B	C	D	M $\times$ P $\times$ Depth
LC1205-K020/050	50/1.97"	64/2.52"	19/0.75"	23/0.91"	M6 $\times$ 1/0.04" $\times$ 11/0.43"
LC1205-K100	50/1.97"	64/2.52"	12/0.47"	16/0.63"	M6 $\times$ 1/0.04" $\times$ 11/0.39"
LC1205-K200/K500	50/1.97"	64/2.52"	19/0.75"	23/0.91"	M12 $\times$ 1.75/0.07" $\times$ 10/0.39"
LC1205-T001A	75/2.95"	100/3.94"	24/0.94"	28/1.10"	M18 $\times$ 1.5/0.06" $\times$ 25/0.98"
LC1205-T002	75/2.95"	100/3.94"	24/0.94"	28/1.10"	M18 $\times$ 1.5/0.06" $\times$ 22.5/0.89"
LC1205-T005	75/2.95"	100/3.94"	36/1.42"	40/1.57"	M24 $\times$ 2/0.08" $\times$ 21/0.83"

UNIT=mm/inches

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Canning Vale WA 6155

PH: 08 9256 2544

Web: www.perthscale.com.au