

HIGH ACCURACY COMPRESSION LOADCELL MODEL LCH



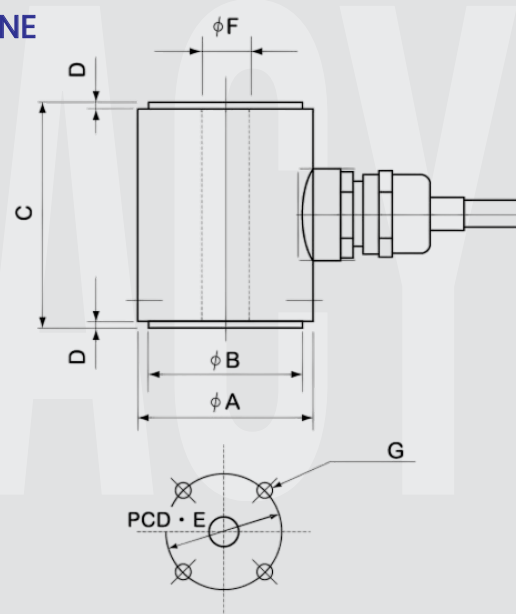
NTS
TECHNOLOGY CO., LTD



STANDARD SPECIFICATION

Rated Capacity : 5KN~500KN
Rated Output : 1mV/V $\pm$ 1%
Non-Linearity : 0.3%R.O.
Hysteresis : 0.3%R.O.
Repeatability : 0.3%R.O.
Recommended Input Voltage : 10V
Maximum Input Voltage : 18V
Input / Output Resistance : 700 Ω $\pm$ 1% (5KN is 350 $\pm$ 1%)
Insulation Resistance : > 2000M Ω
Compensated Temperature Range : -10~+70°C
Operating Temperature Range : -20~+100°C
Temperature Effect on zero balance : $\pm$ 0.01%R.O./°C
Temperature Effect on rates output : $\pm$ 0.01%/°C
Safe overload rating : 120%R.C.
Cable : ϕ 6, 4-conductor shielded cable 3m long

OUTLINE



MODEL	ITEM		RATED CAPACITY		ØA	ØB	C	D	ØE	F	G	WEIGHT (KG)
LCH-5KN			5KN	509.9kgf	40	35	50	1	24	10	2X4-M4 Deep 8	0.30
LCH-10KN			10KN	1.019tonf	62	55	70	2	44	18	2X4-M5 Deep 8	0.95
LCH-20KN			20KN	2.039tonf	62	55	70	2	44	18	2X4-M5 Deep 8	1.00
LCH-30KN			30KN	5.099tonf	62	55	70	2	44	18	2X4-M5 Deep 8	1.00
LCH-50KN			50KN	10.19tonf	62	55	70	2	44	18	2X4-M5 Deep 8	1.00
LCH-100KN			100KN	20.39tonf	62	55	80	2	44	*	2X4-M5 Deep 8	1.30
LCH-200KN			200KN	20.39tonf	88	80	100	2	60	20	2X4-M8 Deep 12	2.90
LCH-300KN			300KN	30.59tonf	100	90	120	2	70	20	2X4-M8 Deep 15	4.60
LCH-500KN			500KN	50.99tonf	134	120	150	2	90	30	2X4-M8 Deep 16	11.00

*Ø18 C'BORE x 6 mm deep on both upper and lower surface, and Ø12 through for LCH-100KN

UNIT : mm.