

TENSION & COMPRESSION LOADCELL MODEL LRK 0.05% GRADE



NTS
TECHNOLOGY CO., LTD



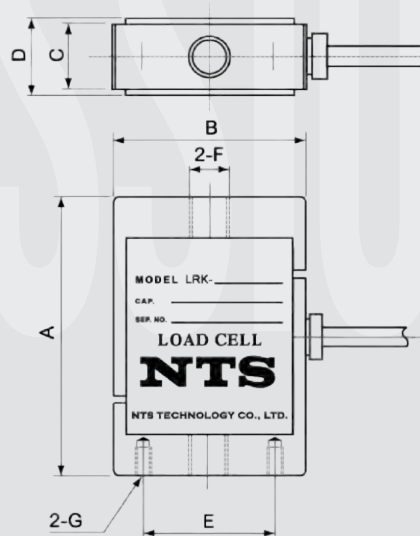
STANDARD SPECIFICATION

Rated Capacity : 100N~20 KN
Rated Output : 2mV/V $\pm$ 1%(100N~200N is $\pm$ 3%)
Non-Linearity : 0.05% R.O.
Hysteresis : 0.05% R.O.
Repeatability : 0.03% R.O.
Recommended Input Voltage : 10V(100N~200N is 5V)
Maximum Input Voltage : 18V(100N~200N is 10V)
Input / Output Resistance : 350 Ω $\pm$ 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 :

- Ø 6, 4-conductor shielded cable 3m long (500N~20KN)
- Ø 3, 4-conductor shielded cable 3m long (100N~20KN)

OUTLINE



MODEL	ITEM		RATED CAPACITY	A	B	C	D	E	F	G	WEIGHT (KG)
LRK-100N			100N 10.19kgf	55	42	12	16	-	M6 P1 Deep 8	-	0.17
LRK-200N			200N 20.39kgf	55	42	12	16	-	M6 P1 Deep 8	-	0.17
LRK-500N			500N 50.99kgf	85	58	20	24	40	M12 P1.75 Deep 15	M5 Deep 8	0.65
LRK-1KN			1KN 101.9kgf	85	58	20	24	40	M12 P1.75 Deep 15	M5 Deep 8	0.65
LRK-2KN			2KN 203.9kgf	85	58	20	24	40	M12 P1.75 Deep 15	M5 Deep 8	0.65
LRK-5KN			5KN 509.9kgf	85	58	20	24	40	M12 P1.75 Deep 15	M5 Deep 8	0.65
LRK-10KN			10KN 1.019tonf	105	78	32	36	60	M18 P1.5 Deep 22	M6 Deep 10	1.65
LRK-20KN			20KN 2.039tonf	110	88	35	40	3605	M18 P1.5 Deep 22	M6 Deep 10	2.25

UNIT : mm.