

TENSION & COMPRESSION LOADCELL MODEL LRM 0.05% GRADE



NTS
TECHNOLOGY CO., LTD



STANDARD SPECIFICATION

Rated Capacity : 20N~20KN

Rated Output : 2mV/V $\pm$ 1% (10N~50N is 1mV/V, 100N is 1.5mV/V)

Non-Linearity : 0.05% R.O.

Hysteresis : 0.05% R.O.

Repeatability : 0.05% R.O.

Recommended Input Voltage : 10V (10N~50N is 5V)

Maximum Input Voltage : 18V (10N~50N is 10V)

Input / Output Resistance : 350 Ω $\pm$ 1%

Insulation Resistance : > 2000M Ω

Compensated Temperature Range : -10~+70 $^{\circ}$ C

Operating Temperature Range : -20~+100 $^{\circ}$ C

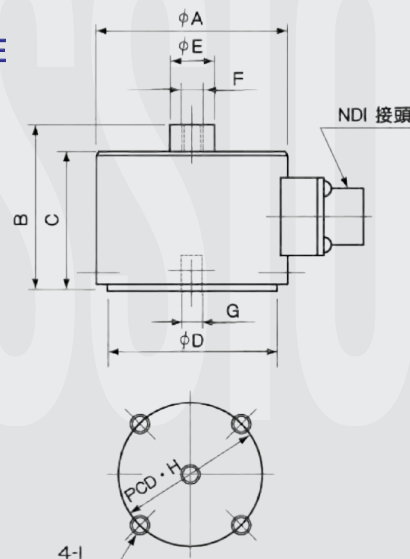
Temperature Effect on zero balance : $\pm$ 0.01% R.O./ $^{\circ}$ C

Temperature Effect on rates output : $\pm$ 0.01%/ $^{\circ}$ C

Safe overload rating : 120% R.C.

Cable : ϕ 6, 4-conductor shielded cable 2m long 5KN or more, length 3m

OUTLINE



MODEL \ ITEM	RATED CAPACITY		ØA	B	C	ØD	ØE	F	G	H	I	WEIGHT (KG)
LRM-20N	20N	2.039kgf	61	3	55	5	45	M6 P1 Deep 8	M6 P1 Deep 6	38	M4 Deep 6	0.26
LRM-50N	50N	5.099kgf	61	3	55	5	45	M6 P1 Deep 8	M6 P1 Deep 6	38	M4 Deep 6	0.26
LRM-100N	100N	10.19kgf	61	3	55	10	35	M10 P1.5 Deep 15	M10 P1.5 Deep 15	40	M5 Deep 10	0.95
LRM-200N	200N	20.39kgf	61	3	55	10	35	M10 P1.5 Deep 15	M10 P1.5 Deep 15	40	M5 Deep 10	0.95
LRM-500N	500N	50.99kgf	61	3	55	10	35	M10 P1.5 Deep 15	M10 P1.5 Deep 15	40	M5 Deep 10	0.95
LRM-1KN	1KN	101.9kgf	61	3	55	10	35	M10 P1.5 Deep 15	M10 P1.5 Deep 15	40	M5 Deep 10	1.30
LRM-2KN	2KN	203.9kgf	61	3	55	10	35	M10 P1.5 Deep 15	M10 P1.5 Deep 15	40	M5 Deep 10	1.30
LRM-5KN	5KN	509.9kgf	61	3	55	10	35	M12 P1.75 Deep 15	M12 P1.75 Deep 15	40	M5 Deep 10	1.70
LRM-10KN	10KN	1.019tonf	61	3	55	10	35	M18 P1.5 Deep 22	M18 P1.5 Deep 22	60	M8 Deep 12	3.50
LRM-20KN	20KN	2.039tonf	86	3	80	15	50	M18 P1.5 Deep 22	M18 P1.5 Deep 22	60	M8 Deep 12	4.20

UNIT : mm.