

# LC8102/8102U/8102S/8102SU Series

Tool Steel / Stainless Steel



LOAD CELL (국내제품)



LC8102/LC8102U



LC8102S/LC8102SU

❖ 옵션 : 1/5000 고정밀도(LC8102U, LC8102SU)

## 호퍼스케일용

- 완전 밀폐구조/박형, 고정밀
- 우수한 내피로 특성
- 축하중에 강한구조
- 인장·압축겸용
- 재질은 스테인레스스틸(8102S, 8102SU)

## SPECIFICATIONS

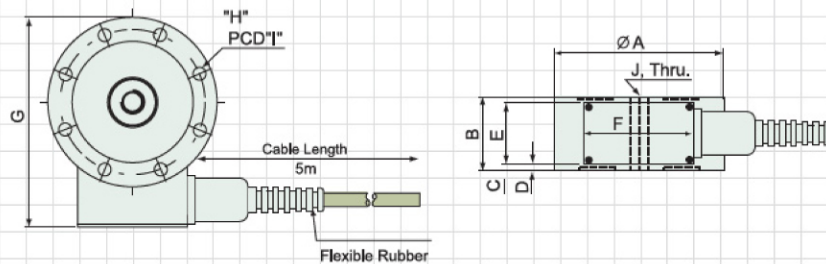
Model	LC8102/U/S/SU Series
정격출력	2.0±0.005mV/V
한계과부하	150%
종합오차	0.02% (U, SU Type) 0.05%
크리프(30분)	0±0.03%
재현성	0.01% (U, SU Type) 0.02%
제로바란스	0±0.02mV/V
온도보상범위	-10~+40℃
사용온도범위	-20~+80℃
권장인가전압	10V
최대인가전압	15V
입력단자간저항	350Ω ± 3.5Ω
출력단자간저항	350Ω ± 3.5Ω
절연저항	>2,000 MΩ
영점온도영향	0.03%/10℃
출력온도영향	0.03%/10℃
케이블길이	5m

Model	정격용량(질량)
LC8102/U/S/SU-T001	1tf
LC8102/U/S/SU-T002	2tf
LC8102/U/S/SU-T003	3tf
LC8102/U/S/SU-T005	5tf
LC8102/U/S/SU-T010	10tf
LC8102/U/S/SU-T020	20tf
LC8102/U/S/SU-T050	50tf
LC8102/U/S/SU-T100	100tf
LC8102/U/S/SU-T200	200tf

## Dimensions

TENSION	
CABLE	COLOR CODE
RED	EXC +
WHITE	EXC -
GREEN	SIG -
BLUE	SIG +
BLACK	SHIELD

UNIT = mm



COMPRESSION	
CABLE	COLOR CODE
RED	EXC +
WHITE	EXC -
GREEN	SIG +
BLUE	SIG -
BLACK	SHIELD

UNIT = mm

Mode	Capacity	Ø A	B	C	D	E	F	G	H	I	J
LC8102/U/S/SU T001	1tf	112	46	4	1	38	68	141.5	8-ø 6.6	97.2	M16×2.0
LC8102/U/S/SU T002	2tf	112	46	4	1	38	68	141.5	8-ø 6.6	97.2	M16×2.0
LC8102/U/S/SU T003	3tf	112	46	4	1	38	68	141.5	8-ø 6.6	97.2	M16×2.0
LC8102/U/S/SU T005	5tf	120	46	4	1	38	68	149.5	8-ø 9	103.2	M18×1.5
LC8102/U/S/SU T010	10tf	138	60	11	1	38	68	167.5	8-ø 11	117.6	M24×2.0
LC8102/U/S/SU T020	20tf	184	80	21	1	38	68	213.5	8-ø 14	157.6	M39×2.0
LC8102/U/S/SU T050	50tf	200	60	11	1	38	68	229.5	12-ø 14.3	170	M45×3.0
LC8102/U/S/SU T100	100tf	278	90	26	1	38	68	307.5	16-ø 16.3	229	M70×3.0
LC8102/U/S/SU T200	200tf	355	108	35	1	38	68	384.5	12-ø 26	298	M90×3.0