

MINIATURE COMPRESSION TYPE LOAD CELL

MODEL : LCS-L

LCS-H



LCS-H

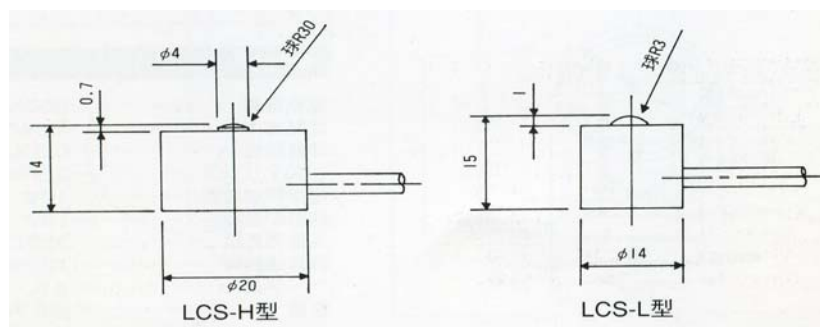
LCS-L

Miniature type load cell for high capacity force measurement. Possible to set at narrow space and for measurement of force distributions of chair seat etc.

◆ Standard Specifications

ITEM	LCS-L Series	LCS-H Series
Rated Capacity	1KN ~ 10KN	5KN ~ 30KN
Rated Output	1mV/V	1mV/V
Non-Linearity	1% R.O.	2% R.O.
Hysteresis	1% R.O.	2% R.O.
Recommended Input Voltage	5V	5V
Maximum Input Voltage	10V	10V
Input/Output Resistance	350Ω ±1%	350Ω ±1%
Safe Overload Rating	120%R.C.	120%R.C.
Cable	φ 3, 4-conductor shielded cable 5m long	φ 3, 4-conductor shielded cable 5m long
Weight	70g (include cable)	85g (include cable)

◆ Outline



◆ Dimension

ITEM MODEL	RATED OUTPUT	
LCS-L (1KN ~ 10KN)	1KN	101.9 kgf
	2KN	203.9 kgf
	5KN	509.9 kgf
LCS-H (5KN ~ 30KN)	10KN	1.019 tonf
	20KN	2.039 tonf
	30KN	3.059 tonf