

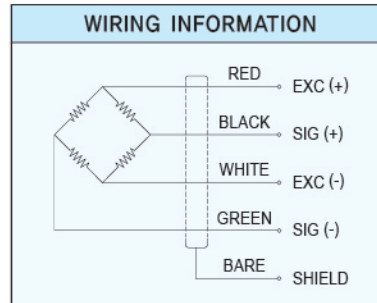
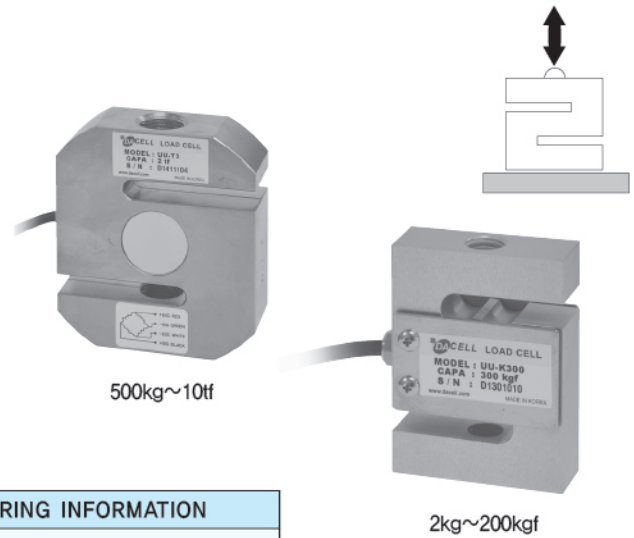
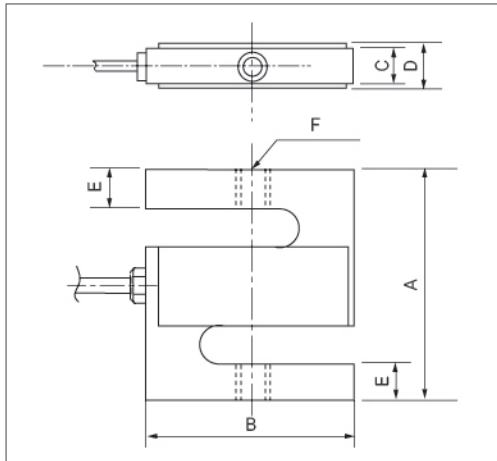
Universal Load Cell

> Model UU

Compact size.

These are extremely accurate and compact Tension/Compression load cell.

- 2kg~200kgf : Anodized Aluminum.
- 500kg~10tf : Nikel planted steel



> SPECIFICATIONS

Specifications	Accuracy
Rated capacity(R.C)	2kg, 5kg, 10kgf, 20kgf, 25kgf, 50kgf, 100kgf, 200kgf, 300kgf, 500kgf, 1tf, 2tf, 3tf, 5tf, 10tf
Rated output(R.O)	2.0mV/V $\pm$ 1% (2kgf, 5kgf : 1.5mV/V $\pm$ 1%)
Nonlinearity	0.03% of R.O.
Hysteresis	0.03% of R.O.
Repeatability	0.03% of R.O.
Zero balance	$\pm$ 2% of R.O.
Temperature effect on rated output	0.05% of LOAD/10 $^{\circ}$ C
Temperature effect on zero balance	0.1% of R.O./10 $^{\circ}$ C
Temperature range, compensated	-10 $^{\circ}$ C to 60 $^{\circ}$ C
Temperature range, safe	-20 $^{\circ}$ C to 80 $^{\circ}$ C
Terminal resistance, input	350 Ω $\pm$ 50 Ω
Terminal resistance, output	350 Ω $\pm$ 2 Ω
Insulation resistance bridge	2000M Ω
Excitation recommended	10V
Safe overload	150% R.C.
Cable length	2kg~5kg : $\varnothing$ 3mm 4core, 3m / 10kg~10tf : $\varnothing$ 5mm 4core, 3m

> DIMENSIONS TABLE

unit:mm

Capacity	A	B	C	D	E	F	Weight(kg)
2kgf (19.61N)	60	50	13	16	10	M6 $\times$ 1	0.4
5kgf (49.03N)	60	50	13	16	10	M6 $\times$ 1	
10kgf (98.07N)	70	52	13	18	13	M6 $\times$ 1	
20kgf (196.1N)	70	52	13	18	13	M6 $\times$ 1	
25kgf (245N)	70	52	13	18	13	M6 $\times$ 1	
50kgf (490.3N)	70	52	18	24	13	M12 $\times$ 1.75	
100kgf (980.7N)	70	52	18	24	13	M12 $\times$ 1.75	0.8
200kgf (1,961kN)	70	52	18	24	13	M12 $\times$ 1.75	
300kgf (2,941kN)	70	52	18	24	13	M12 $\times$ 1.75	
500kgf (4,903kN)	70	62	22	25	15	M12 $\times$ 1.75	2
1tf (9,807kN)	70	62	22	25	15	M12 $\times$ 1.75	
2tf (19,61kN)	96	84	30	35	21	M20 $\times$ 1.5	
3tf (29,42kN)	120	96	35	41	30	M24 $\times$ 2	3
5tf (49,03kN)	120	96	40	44	30	M24 $\times$ 2	
10tf (98,07kN)	165	140	60	66	46	M39 $\times$ 2	8.5

★Specifications are subject to change without notice.