

C2EM PRESS LOAD CELL



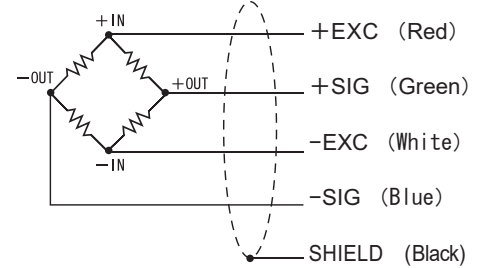
Specifications

Model	CE2M-100L, CE2M-200L, CE2M-300L, CE2M-500L, CE2M-1T, CE2M-2T, CE2M-3T, CE2M-5T, CE2M-10T, CE2M-20T, CE2M-50T, CE2M-100T, CE2M-200T, CE2M-300T, CE2M-500T	
Rated output	1±1%	mV/V
Safe overload	150	%R.C.
Zero balance	0.0±0.05	mV/V
Non-linearity	0.2≤5TON 0.5>5TON	%R.O.
Hysteresis	0.5	%R.O.
Compensated temperature range	-10 to +70	°C
Safe temperature range	-20 to +80	°C
Temperature effect on zero	0.1	%R.O./10°C
Temperature effect on span	0.1	%R.O./10°C
Input resistance	Approx. 400 or 760	Ω
Output resistance	Approx. 350 or 700	Ω
Recommended excitation voltage	10	V
Maximum excitation voltage	15	V
Insulation resistance(DC50V)	2000 or more	MΩ
Cable	φ5 conductor shield robot cable 5m CE2M-500T = 10m	
Load cell material	Special alloy steel	

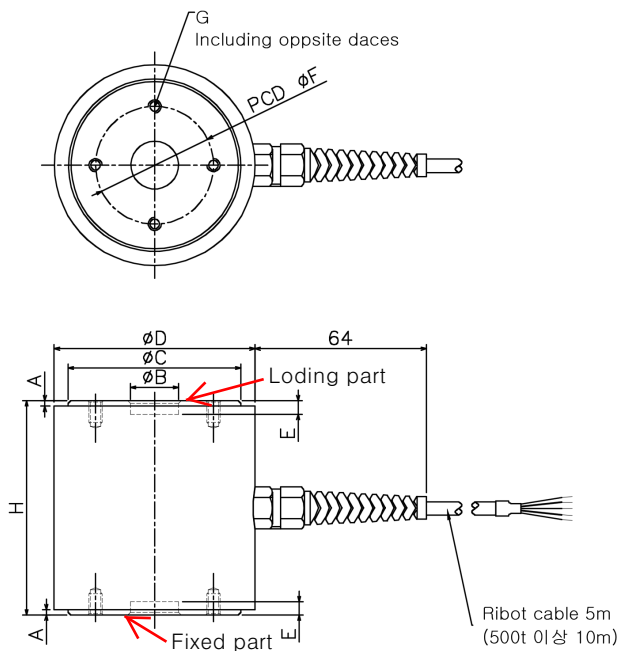
Application Example



Wiring Diagram



External dimension



Model	A	φB	φC	φD	E	PCD φF	G	H
CE2M-100L CE2M-200L CE2M-300L CE2M-500L	1	10	36	45	3	24	4-M4 Depth 8	55
CE2M-1T CE2M-2T CE2M-3T CE2M-5T	2	18	64.5	75	5	44	4-M5 Depth 8	70
CE2M-10T CE2M-20T CE2M-30T	2	18	64.5	75	5	44	4-M5 Depth 8	80
CE2M-50T CE2M-100T	3	30	124.5	138	5	90	4-M10 Depth 15	150
CE2M-200T CE2M-300T	10	70	194	215	5	150	4-M16 Depth 30	230
CE2M-500T	15	100	249	266	5	200	4-M24 Depth 30	280

** 500TON 초과 Order made

Unit: mm