



# CCL

## Low Profile Compression Load Cell (30tf ~ 300tf)

[www.ctaplus.com](http://www.ctaplus.com)

### FEATURE

- Low profile compression service load cell
- Hopper, tank weighing

### SPECIFICATION

MODEL	CCL
Rated capacity (R.C.)	30, 50, 100, 200, 300 tf
Rated output (R.O.)	2.0 mV/V $\pm$ 0.1%
Zero balance	$\pm$ 2% R.O.
Combined error	0.05% R.O.
Repeatability	0.03% R.O.
Creep for 30 min	0.05% R.O.
Temp. effect on zero value	0.05% / 10°C
Temp. effect on output value	0.05% / 10°C
Excitation recommended	10V DC
Excitation maximum	15V DC
Terminal resistance, input	350 $\pm$ 30 $\Omega$
Terminal resistance, output	350 $\pm$ 3 $\Omega$
Insulation resistance	> 2000M $\Omega$ @50V DC
Compensated temperature range	-10 to +40°C
Operating temperature range	-20 to +80°C

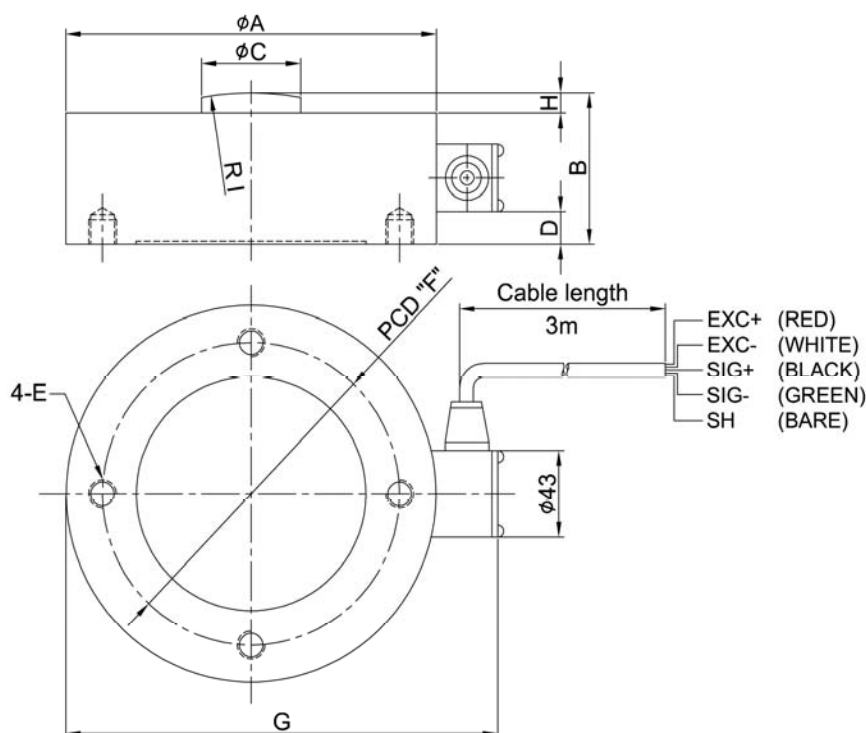


#### ◆ Material

Paint finished steel

#### ◆ Cable

Braided Shield 4-wire round cable with PVC-jacket



### DIMENSION

Rated Capacity	φA	B	φC	D	E	F	G	H	I
30, 50tf	187	75	50	16	M12 x 1.75 DP20	150	218	10	140
100tf	278	120	74	37	M12 x 1.75 DP20	240	309	15	160
200tf	320	170	100	63.5	M16 x 2 DP20	270	351	15	250
300tf	396	195	140	68.5	M16 x 2 DP20	330	427	15	320