

## CC002-NS series



### Feature

High accuracy, double convex, hermetically sealed canister type load cell.

### Options

[Mounting attachment with slide stop mechanism \(Check rod method\)](#),  
Mounting attachment

### Table of P/N

Parts No.	Rated Capacity
CC002-10T-NS	98.07 kN { 10 tf }
CC002-20T-NS	196.1 kN { 20 tf }
CC002-25T-NS	245.2 kN { 25 tf }
CC002-30T-NS	294.2 kN { 30 tf }

### Specifications

Rated Capacity	98.07 kN { 10 tf } to 294.2 kN { 30 tf }
Safe overload	150 % R.C.
Ultimate overload	200 % R.C.
Rated output	2 mV/V $\pm$ 0.002 mV/V
Non-linearity	0.02 % R.O.
Hysteresis	0.02 % R.O.
Repeatability	0.01 % R.O.
Creep	0.008 % R.O./20 min
Zero return	0.008 % R.O./20 min
Excitation, recommended	12 V or less
Excitation, maximum	20 V
Zero balance	$\pm$ 0.02 mV/V
Input resistance	800 ohm $\pm$ 30 ohm
Output resistance	700 ohm $\pm$ 5 ohm
Insulation resistance	2 000 M-ohm or more (DC50 V) (between bridge and main body)
Temp. range compensated	-10 °C to 50 °C
Temp. range safe	-20 °C to 70 °C
Temp. effect on zero balance	0.013 % R.O./10 °C
Temp. effect on output	0.01 % LOAD/10 °C
Cable	$\phi$ 7, 4-cores shielded 10 m cable directly attached, and cable end is separated.
Class of protection	IP68
Material of the element	Alloy steel
Paint	Painted by epoxy resin (Munsel 6GY3.5/2 half-polished resemblance color)
Durability	1 000 000 times with rated load applied.
Horizontal maximum movable distance	10 mm, However, please hit the stopper of the track scale within 5 mm. Recommendation 2 mm to 3 mm