

# HCS

Canister Load Cell



### Description

HCS is a stainless steel Canister type loadcell. Close structured compression type loadcell is suitable for rough industrial environment such as hopper, tank, silo scale, etc.

### Specifications

Capacity(R.L.)		tf	100, 200, 300
Rated Output	mV / V		2.0 ± 0.002
Zero Balance	mV / V		0.0 ± 0.02
Accuracy Class	-		-
Non-Linearity	% R.O.		≤ 0.5
Hysteresis	% R.O.		≤ 0.5
Combined Error	% R.O.		≤ 0.5
Repeatability	% R.O.		≤ 0.1
Creep for 30min.	% R.O.		≤ 0.05
Return for 30min.	% R.O.		≤ 0.05
Resolution	-		≤ 1/200
Division	mV / V		0.01
Temperature Effect on	-Zero Value	%/10°C	≤ 0.03
	-Output Value	%/10°C	≤ 0.03
Excitation	-Recommended	V	10
	-Maximum	V	15
Resistance	-Input	Ω	350 ± 3.5
	-Output	Ω	350 ± 3.5
	-Insulation	MΩ	> 2000
Compensated Temperature Range	°C		-10 to +70
Operating Temperature Range	°C		-30 to +80
Material & Plate	-		Stainless Steel
Cable Specification	-		Ø8 x 4P x 10m/ Ø8 x 4P x 20m (PVC)
Safety Overload	% R.L.		150

### Features

- ▶ Compressed type
- ▶ Stainless Steel Material
- ▶ Hermetically sealed structure
- ▶ Anti-Explosive Structure (Pressure resistant, Dust ignition)
- ▶ Designed according to IP68

### Application

- ▶ Hopper, Tank scale

### Dimensions

▶ HC

