

# HC-NR

Noise Resistance  
Canister Load Cell



## Features

- ▶ Pressure type
- ▶ Hermetically sealed structure
- ▶ Built-in noise and surge protection circuit
- ▶ CE Approval
- ▶ Designed according to IP67

## Application

- ▶ Hoppers, Silos, Tanks
- ▶ Compress equipment

## Description

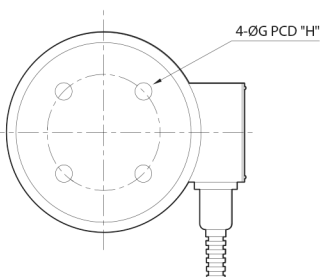
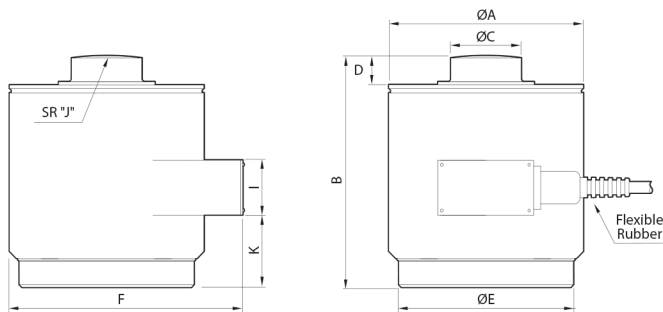
HC-NR is a canister type load cell of steel material with a strong electrical durability. Internal protection circuits provide protection against noise, surge, and lightning. Sealed pressure type of load cell suitable for rough industrial environments such as hoppers and tanks and silo scale.

## Specifications

Capacity(R.L.)	tf	20, 30, 50, 100, 200	
Rated Output	mV / V	2.0±0.005	
Zero Balance	mV / V	0.0±0.02	
Accuracy Class	-	-	
Non-Linearity	% R.O.	≤ 0.15	
Hysteresis	% R.O.	≤ 0.15	
Combined Error	% R.O.	≤ 0.15	
Repeatability	% R.O.	≤ 0.1	
Creep for 30min.	% R.O.	≤ 0.03	
Return for 30min.	% R.O.	≤ 0.03	
Resolution	-	≤ 1/700	
Division	mV / V	0.0028	
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	≥ 500
Compensated Temperature Range	°C	-10 to +40	
Operating Temperature Range	°C	-30 to +80	
Material & Plate	-	Steel / Coating	
Cable Specification	-	Ø8 x 4P x 10m (PVC)	
Safety Overload	% R.L.	150	
Electrical Character	- Over Voltage	V, %	75 AC/DC ±25%
	- RS	MHz	80 - 1000MHz, 10V/m
	- Surge	kV	±2

## Dimensions

### ▶ HC-NR



Capa.	A	B	C	D	E	F	G	H	I	J	K	Cable(m)
20~30tf	118	145	36	10.4	104	148.7	M12 x 1.75	80	38	150	40	10
50tf	138	160	50	20.2	124	170.5	M12 x 1.75	80	38	200	50	
100tf	158	190	70	20	144	191.3	M16 x 2	100	38	200	54	
200tf	214	230	95	29.8	188	249.5	M16 x 2	130	38	300	73	