

HC | Canister Load Cell



Description

HC is a canister type load cell of steel material. Sealed pressure type of load cell suitable for rough industrial environments such as hoppers, silos, and tanks scale.

Features

- ▶ Pressure type
- ▶ Hermetically sealed structure
- ▶ Designed according to IP67

Option

- ▶ Accessory
- ▶ CE Approved (HC-NR)

Application

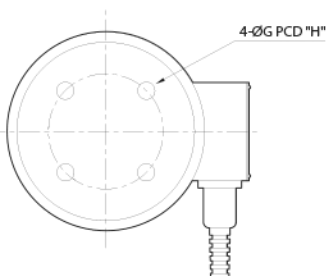
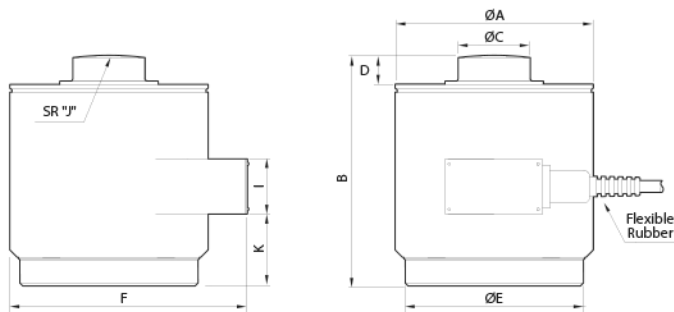
- ▶ Hoppers, Tanks

Specifications

Capacity(R.L.)	tf	20, 30, 50, 100, 200
Rated Output	mV / V	2.0 ± 0.002
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 -Output Value	%/10°C %/10°C
		≤ 0.03 ≤ 0.03
Excitation	-Recommended -Maximum	V V
		10 15
Resistance	-Input -Output -Insulation	Ω Ω MΩ
		350 ± 3.5 350 ± 3.5 > 2000
Compensated Temperature Range	°C	-10 to +70
Operating Temperature Range	°C	-30 to +80
Material & Plate	-	Steel / Coating
Cable Specification	-	Ø8 x 4P x 10m (PVC)
Safety Overload	% R.L.	150

Dimensions

▶ HC



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	