

CT | Canister Load Cell



Description

CT is a canister type load cell of steel material. Sealed tension type of load cell suitable for rough industrial environments such as hoppers and tanks scale.

Specifications

Capacity(R.L.)		kgf	20, 50, 100, 200, 300, 500, 1K, 2K, 3K, 5K, 10K, 20K	
Rated Output	mV / V		3.0 ± 0.003	
Zero Balance	mV / V		0.0 ± 0.03	
Accuracy Class	-		A	B
Non-Linearity	% R.O.		≤ 0.02	≤ 0.05
Hysteresis	% R.O.		≤ 0.02	≤ 0.05
Combined Error	% R.O.		≤ 0.02	≤ 0.05
Repeatability	% R.O.		≤ 0.01	≤ 0.02
Creep for 30min.	% R.O.		≤ 0.03	≤ 0.03
Return for 30min.	% R.O.		≤ 0.03	≤ 0.03
Resolution	-		≤ 1/5000	≤ 1/2000
Division	mV / V		0.0006	0.0015
Temperature Effect on	-Zero Value -Output Value	%/10°C %/10°C	≤ 0.03 ≤ 0.03	≤ 0.03 ≤ 0.03
Excitation	-Recommended -Maximum	V V	10 15	
Resistance	-Input	Ω	350 ± 3.5	
	-Output	Ω	350 ± 3.5	
	-Insulation	MΩ	> 2000	
Compensated Temperature Range	°C		-10 to +40	
Operating Temperature Range	°C		-30 to +80	
Material & Plate	-		Steel / Coating	
Cable Specification	-		Ø8 x 4P x 5M & Ø8 x 4P x 10M (PVC)	
Safety Overload	% R.L.		150	

Features

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

Option

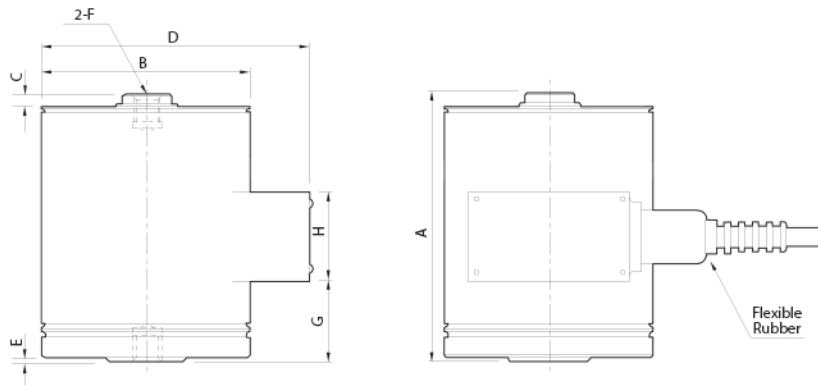
- ▶ Rod and bearing Type Accessory
(20~1K : M12 x 1.25)
(2~5K : M24 x 2.0)
(10K : M39 x 2.0)
- ▶ CE approval

Application

- ▶ Hoppers, Tanks

Dimensions

▶ CT



Capa.	A	ØB	C	D	E	F	G	H	Cable(m)
20~100kgf	115	89	6	115	1.5	M12 x 1.25	38.5	38	5
200kgf~1tf	115	89	5	115	1.5	M12 x 1.25	35		
2~5tf	148	89	6	115	1.6	M24 x 2	38.6		
10tf	215	127	12	159	1.6	M39 x 2	75.6		
20tf	290	165	16.2	199	1.6	M50 x 2	107.6		10