

HCS-EXP

Explosion Proof
Canister Load Cell



Description

HCS-EXP is a stainless steel Canister type loadcell. The antiexplosive structure is suitable for explosive-hazard environments where hopper, tank, and silo scale are used. The IP68 level stainless steel structure can endure moist area

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 -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	-		Stainless Steel
Cable Specification	-		Ø8 x 4P x 10m/ Ø8 x 4P x 20m (Urethane)
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

Option

- ▶ Pressure resistant (Ex d IIC T6)
- ▶ Dust ignition (EX tD A21 T85°C IP68)

Application

- ▶ Hoppers, Tank scale

Dimensions

▶ HC

