

WBK-EXP

Explosion Proof
Canister Load Cell



Description

WBK-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	10, 20, 25, 30, 50, 100	
Rated Output	mV / V	2.0 ± 0.005	
Zero Balance	mV / V	0.0 ± 0.02	
Accuracy Class	-	A	B
Non-Linearity	% R.O.	≤ 0.02	≤ 0.03
Hysteresis	% R.O.	≤ 0.02	≤ 0.03
Combined Error	% R.O.	≤ 0.02	≤ 0.03
Repeatability	% R.O.	≤ 0.01	≤ 0.02
Creep for 30min.	% R.O.	≤ 0.017	≤ 0.03
Return for 30min.	% R.O.	≤ 0.017	≤ 0.03
Resolution	-	≤ 1/5000	≤ 1/3000
Division	mV / V	0.0004	0.00067
Temperature Effect on	-Zero Value	%/10°C	≤ 0.14
	-Output Value	%/10°C	≤ 0.11
Excitation	-Recommended	V	10
	-Maximum	V	28
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	-	Stainless Steel	
Cable Specification	-	Ø8 x 4P x 10m (Urethane)	
Safety Overload	% R.L.	150%	

Features

- ▶ Compressed type
- ▶ Stainless Steel Material
- ▶ Explosion-proof Structure
- ▶ Hermetically sealed structure
- ▶ Designed according to IP68

Option

- ▶ Intrinsic safety (Ex ia IIC T4)
- ▶ Pressure resistant (Ex d IIC T6)
- ▶ Dust ignition (EX tD A21 T85°C IP68)
- ▶ Truckscale Accessory SET
- ▶ WBK-NR (CE Certification)

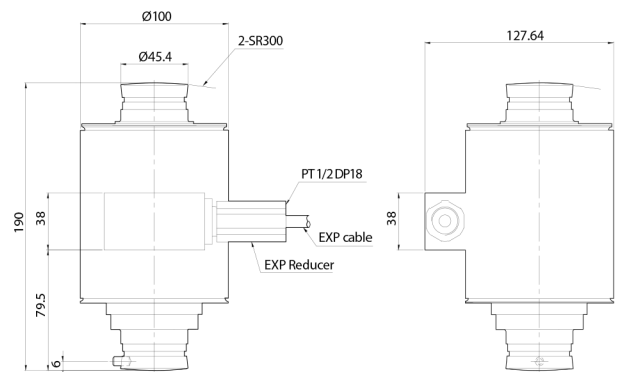
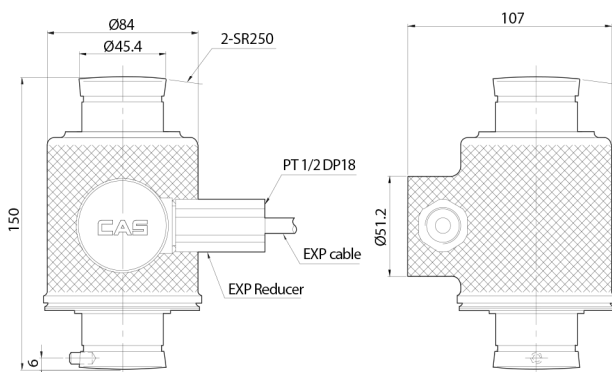
Application

- ▶ Hopper, Silo, Tank Scale
- ▶ Truck scale

Dimensions

▶ 10tf-30tf (Intrinsic safety, Pressure resistan, Dust ignition)

▶ 50tf-100tf (Intrinsic safety, Pressure resistan, Dust ignition)



* Intrinsic safety 10-50tf