

WBK-D

Digital
Canister Load Cell



Description

WBK-D is a stainless steel canister type loadcell. Digital output enables diagnose each loadcell individually, and it can control the weight, eccentricity compensation, diagnose problem, loadcell replacement in simple way. Close structured compression type loadcell is suitable for rough industrial environment such as hopper, tank, silo scale, etc.

Specifications

Capacity(R.L)		tf	10, 20, 25, 30
Rated Output		counts	300,000
Zero Balance		counts	± 300
Accuracy Class		-	C4
Non-Linearity		% R.O.	< 0.015
Hysteresis		% R.O.	< 0.015
Combined Error		% R.O.	< 0.015
Repeatability		% R.O.	< 0.01
Creep for 30min.		% R.O.	< 0.017
Temperature Effect on	- Zero Value	% R.O./10°C	0.014
	- Output Value	% R.O./10°C	0.011
Compensated Temperature Range		°C	-10 ~ +40
Operating Temperature Range		°C	-40 ~ +80
Excitation	- Minimum	V	6
	- Recommended	V	9
	- Maximum	V	24
Insulation		MΩ	≥ 2,000
Safety Overload		% R.C.	150
Material & Plate		-	Stainless Steel
Communication Method		-	RS-485 (2wire)
Communication Speed		kbit/sec	19.2
Max Cable Length for Communication		m	1,000
Warm-up Time from Cold Start		minutes	15
Asynchronous Interface Baudrate		Baud	9,600 ~ 115,200
Number of bus addresses		-	Max. 32

Features

- ▶ Compressed type
- ▶ Stainless Steel Material
- ▶ High resolution digital output
- ▶ Hermetically sealed structure
- ▶ Designed according to IP68 standard
- ▶ OIML C4 Approved (OIML R60, 10-50tf)
- ▶ CE Approved

Option

- ▶ Truckscale Accessory SET

Application

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

Dimensions

- ▶ WBK-D

