

350D

Advance Digital Ball Load Compression Type Weighbridge Load cell

■ Patented Product

I. Introduction:

A new design of weighbridge load cell which solves a series of problems exit in the double ended shear beam and compression type of load cells for weighbridge application. Easy installation and good long term stability.



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IV: Main Technical Features:

1. Digital load cell, high accuracy;
2. Protection Class: IP69K is available;
3. It can replace the ball type(double ended shear beam) load cells completely. It can be installed in new weighbirdge or replace the ball type laod cells in the old weighbridges which means it can be mixed used with the ball type load cells;
4. Compression type structure with intrinsic high frequency. By using its structure characteristic, it promotes the ability of anti-eccentric loading and position returning from the traditional compression type load cells. It has the same flexibility as the traditional ball type load cells and the same long term stability as traditional compression type load cells.
5. With the special installation tools, it is easy to install and replace;
6. It contains level judging tool which can help vertical installation.

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III. SPECIFICATION:

Rated capacity	10t, 15t, 20t, 25t, 30t, 40t
Combined error	±0.02% F.S
Temperature effect on zero	±0.016% F.S
Temperature effect on output	±0.016% F.S
Compensated temperature range	-10 to +40°C
Operating Temperature range	-30 to +70°C
Maximum safe overload	150% if Emax
Ultimate safe overload	200% of Emax
Recommended Excitation	9 to 12V DC
Environment Protection	IP67&IP68&IP69K
Communication BPS	19200
Communication Mode	RS 485
Material	Alloy steel; Stainless steel
Cable	Diameter φ 6mm;

II. Dimension:

