



Product Description

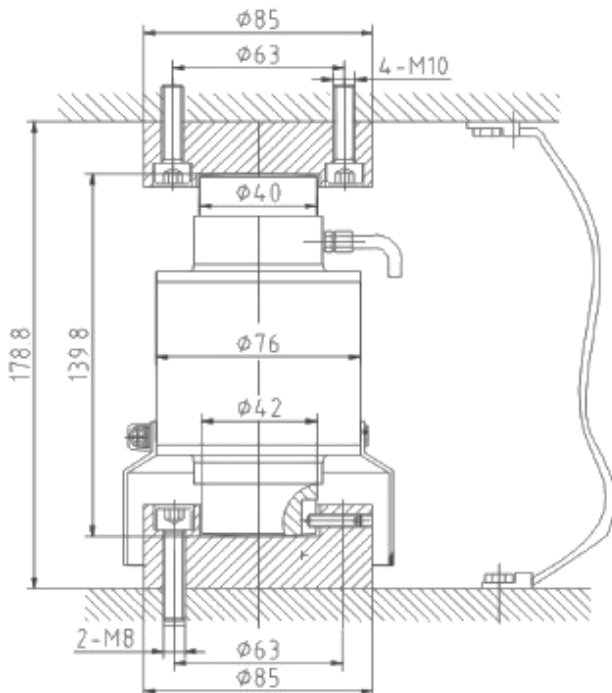
Digital Load cell is a late-new electric weighing technology combined with modern microelectronics Tech & microcomputer Tech, based on the strain gauge load cells. It includes analog load cell and digital convert module; Digital module is made up of high compositive IC circuit with SMT surface-stick technology, mainly including amplifier, A/D converter, controller (CPU), memorizer, interface circuit and digital temperature load cell etc.

Key Features

- Higher precision and reliability, C3
- More flexible, without calibration in special application loadcells with different capacities can be exchanged, which will not affect the accuracy and overload capacity of the whole system
- Good anti-jumping capacity, higher stability and consistency
- Easy for trouble diagnose and analyze
- Very Strong anti-cheat ability

Digital Load Cell

- Digital error compensation technology and high compositive electric components are applicated in the capability parameters of load cells managing software is used for the integrated compensation of linearity zero TC span and creep etc. Eliminating the influence of the human factors to the compensation greatly improves the precision and reliability
- Output consistency error of the load cell is within 0.02%. Keep the same parameter for the mass production, excellent interchange ability
- Application of the A/D converting circuit, digital signal transmission and digital wave filter technology improving the signal transmission distance up to 1200m enhancing the ability of anti-disturbance and good stability
- Automatic data collection, pre-disposal and memory having exclusive mark for easy trouble shooting



Connections:

Excitation + : Red

Signal + : Green

Excitation - : Black

Signal - : White

TECHNICAL SPECIFICATION

Rated Load	10, 15, 20/25, 30t
Rated Output	20000 / 25000, 30000
Data refresh frequency	50HZ
Communication baud Rate	9600BPS
Accuracy	±0.02%F.S
Creep error (30min)	±0.02%F.S
Temperature Coefficient	±0.02%F.S/10°C
Temperature range, Operating	-30°C~+70°C
Zero Balance	±0.1%F.S
Safe Overload	150%F.S
Protection Class	IP68
Recommended Input Voltage	9~12VDC
MAX Input voltage	20VDC
Max Signal transmission Distance	500m