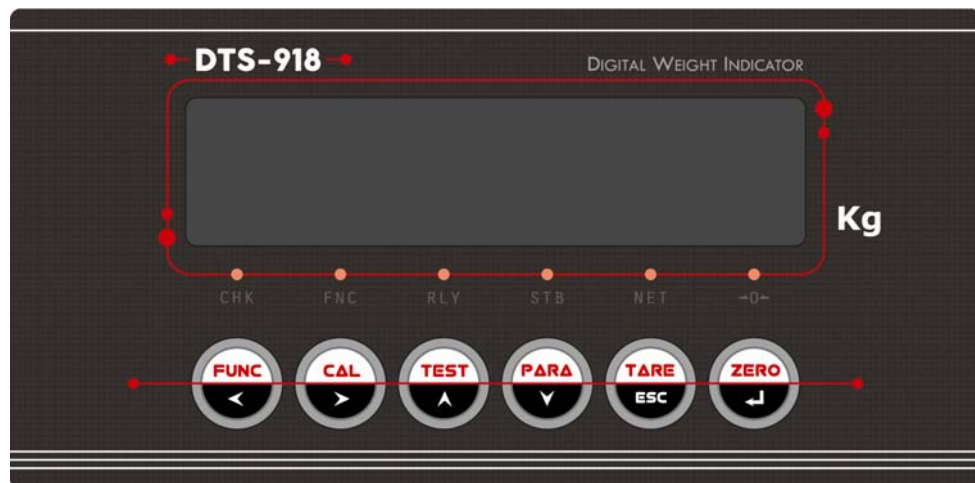# DTS-918 Digital Load Cell Weighing Indicator

DTS-918 is a high accuracy multi-functional indicator designated for SensoLink digital load cells. This indicator is a great indicator for various applications including silo scales, truck scales, bench scales, and batching scales; offering fast, stable and convenient user interfaces for digital load cells.

Functions:

- Aluminum enclosure provides effective EMI protection.
- Convenient panel mount design
- Internal photo coupler signal transmitting to minimize signal interferences and avoid potential electrical failures.
- 6 digits easy to read LED display
- 6 operation stated indication LED
- Multipoint linearization
- RS485, RS232 connection to PC, and RS232 for optional scoreboard displays.
- Support up to 16 SensoLink digital load cells.
- 1 relay set point output
- 0-10VDC or 4-20mA analog output
- One key automatic scale system calibrating function with balancing.
- Password protection to eliminate tempering and cheating.

Specifications:

1. Model: DTS-918 Digital Load Cell Indicator

2. Application: Truck scales, silo scales, batching scales.

3. Display: 6 digits 0.8 inches high red LED.

4. Maximum resolution: 1/20,000 standard , 1/200000 option

5. Incremental selection: Multiples of 1, 2, 5,10,20,50

6. Decimal point selection: Up to 3 digits.

7. Zero tracking band: Select from 0.1-0.4 seconds and 0-4.5 counts

8. Zero range: Select from 0%, 2%, 4%, 10%, 20% or 100% FS

9. Power on zero tracking band: Select from 0%, 10%, 20%, or 100% of FS.

10. Digital filter: Select from 5 different levels.

11. Linearity calibration: Up to 2 or 3 point linearity calibration.

12. Stated indication: 【CHK】Check A/D counts【FNC】Stated of function setup【RLY】Relay enable【STB】Scale stable 【NET】Net weight 【→0←】Scale zero

13. Keyboard : 【FUNC/←】【CAL/→】【TEST/↑】【PARA/↓】 【TARE/ESC】【ZERO/ ↵】6 keys

14. Serial communications: 1 x RS-485 port and 1 x RS-232 port. Continuous data streaming and Modbus RTU

15. Serial port baud rate: 2400, 4800, 9600, 19200, and 57600.

16. Scoreboard communications: RS-232 and current loop.

17. Digital load cell connectivity: Support up to 16 SensoLink digital load cells.

18. A/D code: Monitor each load cell's A/D code separately.

19. Relay output: 1 set of relay, A or B contact AC 250V/10A, DC 30V/10A

20. Analog output: 1 set of 4-20mA or 0-10V

21. Load cell excitation voltage: 15VDC

22. Load cell communication: RS-485

23. Load cell address assigning: Ability to individually assign address and automatically setup weighing system.

24. Corner adjusting: Select from automatic corner adjustment or 2 different manually adjusting.

25. Signal isolating: Photo coupler mechanism with independent power source to prevent interferences.

26. Load cell transmitting distance: Up to 1,200 meters.

27. Password protection: Ability secure the system with a password to prevent cheating.

28. Mounting options: Panel mounts possible.

29. Connector terminals: High quality easy to use terminals.

30. Closure material: Aluminum.

31. Operating temperature: 32°F~104°F or 0°C~40°C

32. Humanity: ≤85% RH.

33. Dimensions: 151mm (w) * 76mm (h) * 160 (d)

34. Panel mounting dimensions: 140mm (w) * 65mm (h)

35. Power: 110VAC (220VAC custom made) 50Hz/60Hz

36. Fuse specification: 2A/250V

37. Indicator weight: 1.0 kg

Dimensions: