SLCDX the SensoLink one of better then ever load cell

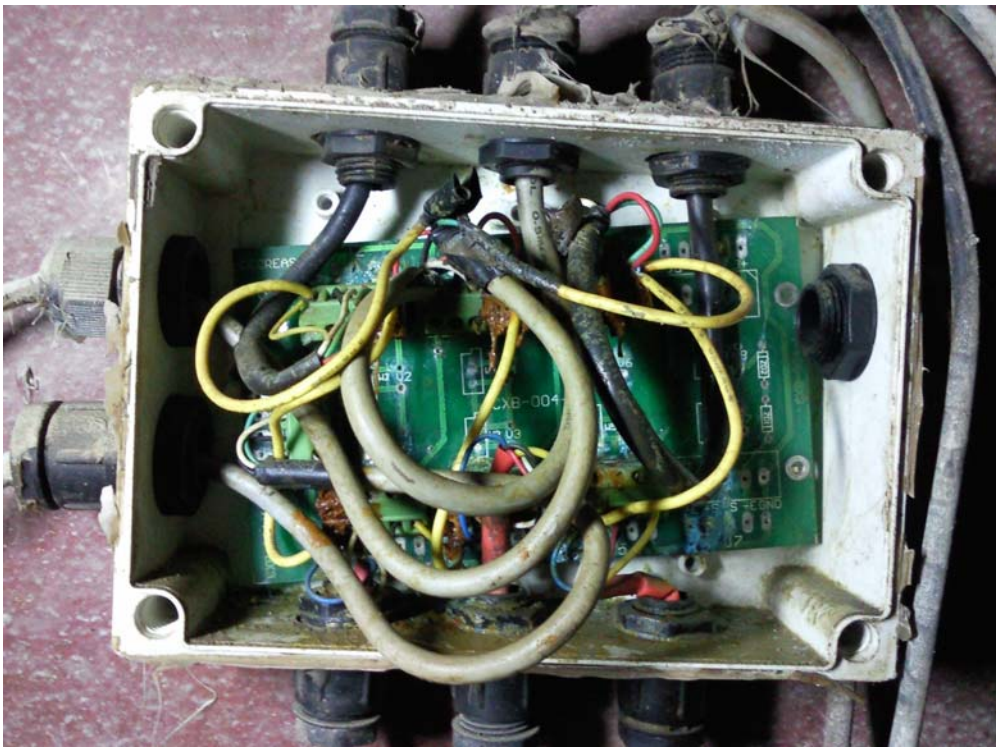
Highlights:

- Transmitting in digital signals, reduce noise affects to signals, and increase transmit distance.
- Could be used in various applications including truck scales, hopper scales, and bench scales.
- Brand new canister rocket style designed load cells.
- High quality stainless steel materialized load cells.
- Dual quick connection designed load cells connecting load cells one to another without the usage of a junction box.
- Brand new cable designs including double layer cable shielding to prevent damage such as rats bites
- Special designed dust and water proof loading module without using rubber material.
- Special designed pentagon shaped to prevent load cell turning. rotating
- IP69K rated design. Ceramic sealed connectors.
- Gold plated connecting pins to maximize signal strength.
- Light-weighted load cell (only 2.58kg) for easy installation and transporting.
- Built in surge protecting circuits.

Load cells had been introduced and used in weighing applications for many decades already. These are simply structured sensors meant to be easy to install in various circumstances. For example, most of the truck scales, bench scales, or hopper scales, all use load cells for measuring force. Nevertheless, due to the fact that it's very weak mV output, noise and other signal interferences are usually a nightmare that is hard to avoid.

Sencolink Co. came out with the most advanced SLCDX digital load cell. This product will be the perfect solution for the common failings for traditional load cells such as signal interferences, cable failures, water damage, rust damage, corrosion damage, electrical surge damage, limited transmitting distance, and installation difficulties. Using this load cell will significantly improve the accuracy and reliability of the weighing systems. The SLCDX load cell is the next generation weighing components and will be the immediate solution for improving reducing maintenance costs, reducing human errors, and improving efficiency.

Scales in the past had most if not all of the disadvantages describe above; causing frequent costly maintenances, replacing components, and wasted time. Especially when the scales were not available to use, jobs and tasks would be force to wait and could consequently result in huge revenue lost for any company. Additionally, there were also serious concerns regarding the possibility of altered/cheating scales with the use of traditional configurations. The brand new SLCDX load cells are here to put an end to all of these disadvantages and concerns.



- Say goodbye to the complicated cable wiring and use the junction box free and easily managed cabling configuration.

- Complete prevention of physical damages such as rodents bites with double layered high durability shielding cables.

- Highest rated IP69K to provide the best waterproofing protection.

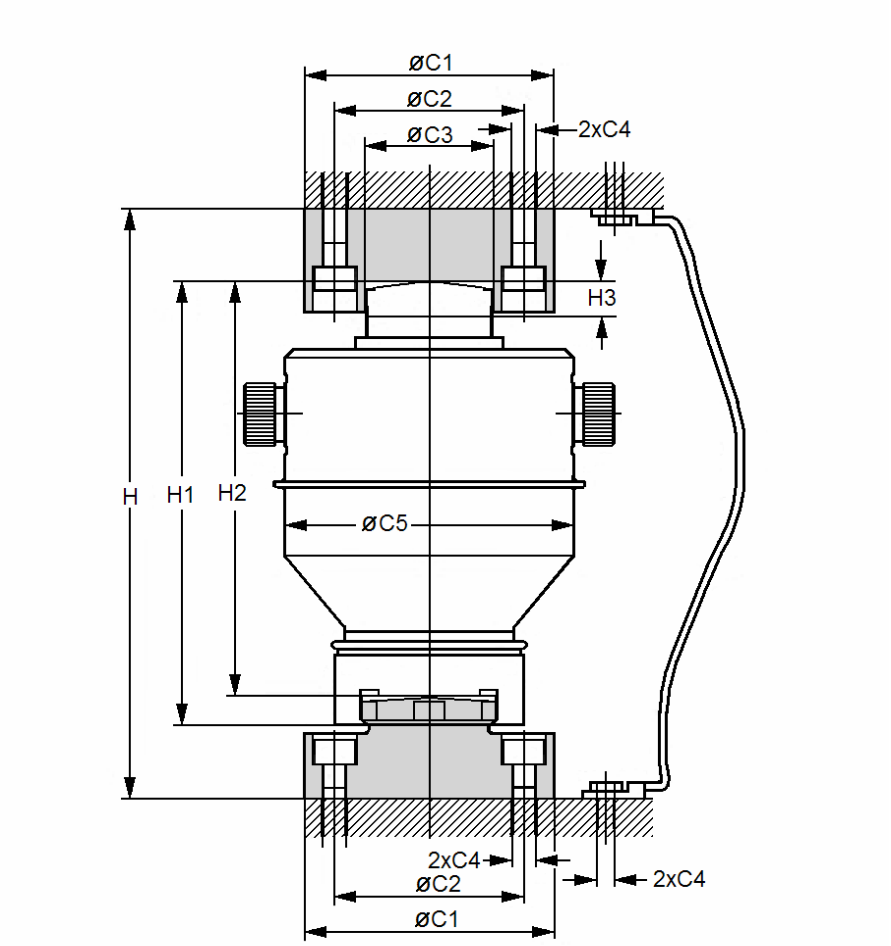
- Stainless Steel materialized load cells to prevent rust and corrosions

- Reinforced surge protected circuits will effectively prevent lighting and other surging damage.

Specifications:

Accuracy:----------OIML C3
Repeatability:----------0.01% F.S
Creep error:----------0.02% F.S(30Min)
Temperature effect on zero:----------0.015%f F.S/10℃
Temperature effect on span:----------0.015% F.S/10℃
Data refresh frequency:----------10 Hz
Baud rate:----------9600 bps
Operating temperature range:---------- -30℃~+70℃
Safe overload:----------150% F.S
Excitation voltage :----------9~12VDC(20V Max)
Isolation resistance:----------5GΩ(50V DC)
Material:----------Stainless steel
Communication mode:---------- RS485
The max signal transmission distance:----------1200m
Seal type:---------- IP69K
Cable length:
Cable Between load cells----------7m
Bus cable to indicator----------20m
Cable color code:
+Excitation----------Blue
- Excitation----------Black
+Signal----------White
- Signal----------Red

Dimension:



capacity	H	H1	H2	C1	C2	C3	C4	C5	H3
10 15 20 30 40 50 60	200	150	140	83.5	64	43.8	M8	99	12