TLC
NLP series
LOAD CELL FOR NLP



Introducing our new **TLC - Load Cell**, engineered for precision and durability across a range of capacities including 0.5T, 3T, and 5T. The 0.5T version boasts a lightweight aluminum construction, while the 3T and 5T models are made from robust stainless steel, designed to withstand demanding applications. With a safety factor of 8:1 and analog load cell readings from 4mA to 20mA, this system offers unparalleled accuracy and reliability.

Each hanging point necessitates one TLC load monitoring device, crucial for comprehensive load management and safety. TLCs integrate effortlessly with our Network Load Processor (NLP), enabling straightforward connections between devices (TLC and NLP) using a 5 pin XLR cable.

Choosing the right TLC model is vital for the success of your project. We invite you to contact us for expert assistance in selecting the ideal load cell to meet your specific requirements.



Working load limit (WLL):

- **0.5 ton** version (Aluminum)
- **3 ton** version (Stainless Steel)
- **5 ton** version (Stainless Steel)

Safety factor:

- 8:1

TLC connector wiring diagram:

- Pin 1 - 24V DC
- Pin 2 - GND
- Pin 3 - output 4mA - 20mA
- Pin 4 - Not connected
- Pin 5 - Not connected

Variants

TLC

- *968100* TLC500 Tension load cell 0.5T
- *968101* TLC3000 Tension load cell 3T
- *968102* TLC5000 Tension load cell 5T

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