

Model TLC15A Series

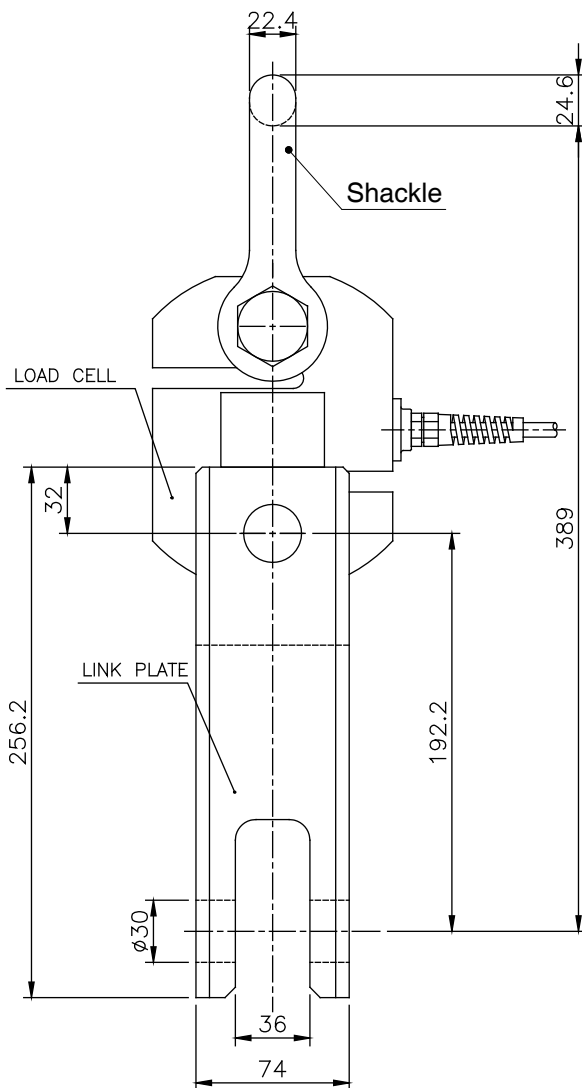
Tension Load Cell (5t)

The model TLC15A series, designed for tension measurement and weighing applications, are reliable and easy to install.

- Durable design provide high safety.
(Ultimate overload rating 500%)
- Alloy tool steel construction for high accuracy.
- Electroless nickel plated for corrosion resistance.

SPECIFICATIONS

| MODEL | TLC15A |
|-------------------------------|-------------------------------|
| Rated capacity (R.C.) | 5 ton |
| Rated output(R.O.) | 1.5mV/V ± 0.25% |
| Non-linearity | ≤0.03% R.O. |
| Hysteresis | ≤0.03% R.O. |
| Non-repeatability | ≤0.03% R.O. |
| Creep error | ≤0.03% in 20min. |
| Zero balance | ≤1% R.O. |
| Compensated temperature range | -10 ~ 70°C |
| Operating temperature range | -20 ~ 80°C |
| Temp. effect on rated output | ≤0.05% LOAD/10°C |
| Temp. effect on zero balance | ≤0.05% R.O./10°C |
| Terminal input resistance | 350 Ohms ± 3.5 Ohms |
| Terminal output resistance | 350 Ohms ± 5 Ohms |
| Insulation resistance (Min.) | 2000 MOhms at 50V DC |
| Excitation voltage | 3~12V(Recommended), 15V(Max.) |
| Electrical connection | Ø7mm x 30m |
| Protection class | meets IP 67 |
| Safe overload | 200% R.C |
| Ultimate overload | 500% R.C |



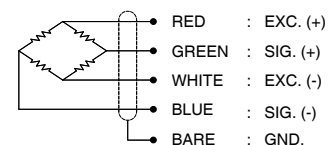
ORDERING INFORMATION

TLC15A - 5T

MODEL CAPACITY
5ton

TLC15A : Load Cell + Shackle + Link plate

WIRING INFORMATION



* Specifications are subject to change without notice

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