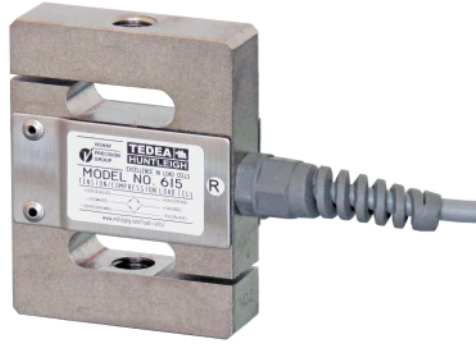


## Tension Compression Load Cell

**615**

- Capacities : 50kgf...1000kgf
- Nickel-plated alloy steel construction
- Protection IP67

**Model**

Rated Capacity

**615-** 

<b>50K</b>	50kgf (490N)
<b>100K</b>	100kgf (980N)
<b>150K</b>	150kgf (1.47kN)
<b>200K</b>	200kgf (1.96kN)
<b>300K</b>	300kgf (2.94kN)
<b>500K</b>	500kgf (4.9kN)
<b>750K</b>	750kgf (7.35kN)
<b>1T</b>	1000kgf (9.8kN)

**Specifications**

Rated output (R.O.)	2mV/V
Rated output tolerance	±0.1%
Zero balance	±10%R.O.
Zero return, 30 min	±0.03%LOAD
Total error	±0.03%R.O.
Temperature effect on zero	±0.006%R.O./°C
Temperature effect on output	±0.0014%LOAD/°C
Temperature range, compensated	-10°C~+45°C
Temperature range, safe	-30°C~+70°C
Maximum safe overload	150%R.C.
Ultimate central overload	300%R.C.
Excitation, recommended	10V
Excitation, maximum	15V
Input impedance	400Ω±20Ω
Output impedance	350Ω±3Ω
Insulation resistance	>2000MΩ
Cable type	φ5.6, 6-wire, PVC, braid shield, AWG26
Cable length	3m
Construction	Alloy steel
Environmental protection	IP67
Weight (approx.)	580g
Nominal (rated) deflection	<0.4mm

**Cable color code**

Item	Color
Excitation +	Green
Excitation -	Black
Signal output +	Red
Signal output -	White
Sense +	Blue
Sense -	Brown
Shield	Shield

**Outline dimensions (mm)**