

## Welded, Hermetically Sealed Load Cell

**355**

- Capacities : 5kgf..500kgf
- Stainless steel construction
- IP68 protection

**Model**

Rated Capacity

**355 -**


<b>5K</b>	5kgf (49N)
<b>10K</b>	10kgf (98N)
<b>20K</b>	20kgf (196N)
<b>30K</b>	30kgf (294N)
<b>50K</b>	50kgf (490N)
<b>100K</b>	100kgf (980N)
<b>200K</b>	200kgf (1.96kN)
<b>250K</b>	250kgf (2.45kN)
<b>500K</b>	500kgf (4.9kN)

**Cable color code**

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

**Specifications**

Rated output (R.O.)	2mV/V
Rated output tolerance	±0.1%
Zero balance	±2%R.O.
Zero return, 30 min	±0.017%LOAD
Total error	±0.02%R.O.
Temperature effect on zero	±0.0014%R.O./°C
Temperature effect on output	±0.001%LOAD/°C
Temperature range, compensated	-10°C~+40°C
Temperature range, safe	-20°C~+70°C
Maximum safe overload	150%R.C.
Ultimate central overload	300%R.C.
Excitation, recommended	10V
Excitation, maximum	15V
Input impedance	380Ω±10Ω
Output impedance	355Ω±5Ω
Insulation resistance	>2000MΩ
Cable type	φ5.6, 6-wire, braided, polyurethane dual floating screen, AWG26
Cable length	3m
Construction	Stainless steel
Environmental protection	IP68
Recommended torque	22N·m
Weight (approx.)	350g
Nominal (rated) deflection	<0.4mm

**Outline dimensions (mm)**