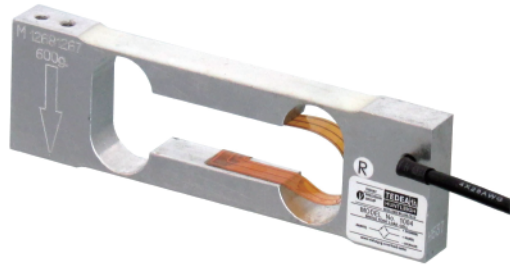


Aluminum Single-Point Load Cell

1004

- Capacities : 0.3kgf...3kgf
- Aluminum construction
- IP66 protection



Model

Rated Capacity
1004 -

0.3K	0.3kgf (2.9N)
0.6K	0.6kgf (5.9N)
1.5K	1.5kgf (14.7N)
3K	3kgf (29.4N)

Specifications

Rated output (R.O.)	0.9mV/V
Rated output tolerance	±10%
Zero balance	±5%R.O.
Zero return, 30 min	±0.01%LOAD
Total error	±0.01%R.O.
Temperature effect on zero	±0.004%R.O./°C
Temperature effect on output	±0.002%LOAD/°C
Eccentric loading error	±0.0033%LOAD/cm
Temperature range, compensated	+5°C~+45°C
Temperature range, safe	-30°C~+70°C
Maximum safe overload	150%R.C.
Ultimate central overload	250%R.C.
Excitation, recommended	10V
Excitation, maximum	15V
Input impedance	415Ω±20Ω
Output impedance	350Ω±3Ω
Insulation resistance	2000MΩ以上
Cable type	φ3, 4 conductors, 28 AWG Floating spiral braid shielded, PVC jacket
Cable length	0.4m
Construction	Aluminum
Environmental protection	IP66
Platform size (max)	200mm×200mm
Recommended torque	2N·m
Weight (approx.)	60g
Nominal (rated) displacement	<0.4mm

Cable color code

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

Outline dimensions (mm)

