ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

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Find the *OMEGA LCAE-2KG* at our website: ***Click HERE***

OMEGA®

LCAE

PLATFORM LOAD CELL

SPECIFICATIONS

Rated Capacity	:	1.3, 2.2, 4.4, 6.6 lbs (600 gf, 1, 2, 3 Kgf)
Safe Overload	:	300 % R.C.
Ultimate Overload	:	400 % R.C.
Rated Output	:	1 mV/V ± 10 %
Non-linearity	:	0.02 % R.O.
Hysteresis	:	0.02 % R.O.
Repeatability	:	0.02 % R.O.
Creep	:	0.02 % R.O./20 min.
Creep Recovery	:	0.02 % R.O./20 min.
Excitation, Recommended	:	10 V
Excitation, Maximum	:	15 V
Zero Balance	:	± 5 % R.O.
Terminal Resistance, Input	:	Approx. 420 Ω
Terminal Resistance, Output	:	350 ± 5 Ω
Insulation Resistance	:	2000 MΩ or more (50V DC)
Temperature Range,		
Compensated	:	14 ~ 122°F / (- 10 ~ + 50°C)
Safe	:	14 ~ 122°F / (- 10 ~ + 50°C)
Temperature Effect,		
On Zero Balance	:	0.04 % R.O./10°C
On Output	:	0.012 % LOAD/10°C
Cable	:	0.13 inch Diameter, 4 COND. SHIELDED COLOR CODED CABLE, 15.7 in.(400 mm) length
Material	:	Aluminum
Deflection	:	0.007 inch /R.O.

WIRING COLOR CODE

Input : RED (+) , WHITE (-)
Output : GREEN (+) , BLUE (-)

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

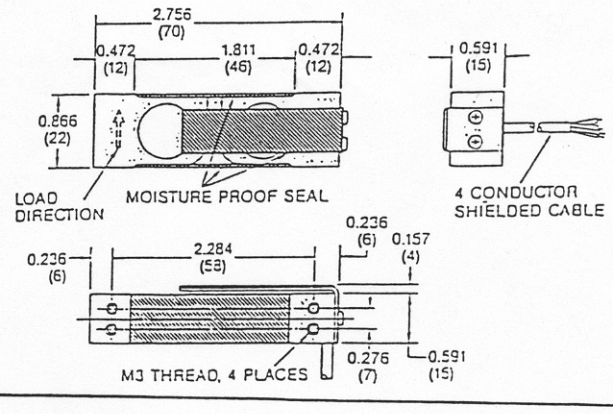
OMEGA®

LCAE

PLATFORM LOAD CELL

OUTLINE

1.3-6.6 lb (0.6-3 kg)



Platform Dimensions and Measuring Accuracy

1.3 to 6.6 lb (0.60 to 3 kg) R.C.

Maximum Size of Loading Plate: 7.87 in. (200 mm) × 7.87 in. (200 mm)

Measuring Accuracy: Within 0.02% R.O. with 50% of rated load applied 2.6 in. (71 mm) from center

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Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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We're here to make your life easier. How can we help you today?

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