

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

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Visit our website - *Click HERE*

FUTEK MODEL D522

Drawing Number: F3147-02

INCH [mm]

Signal Conditioned Digital Display with Analog Output and Alarm

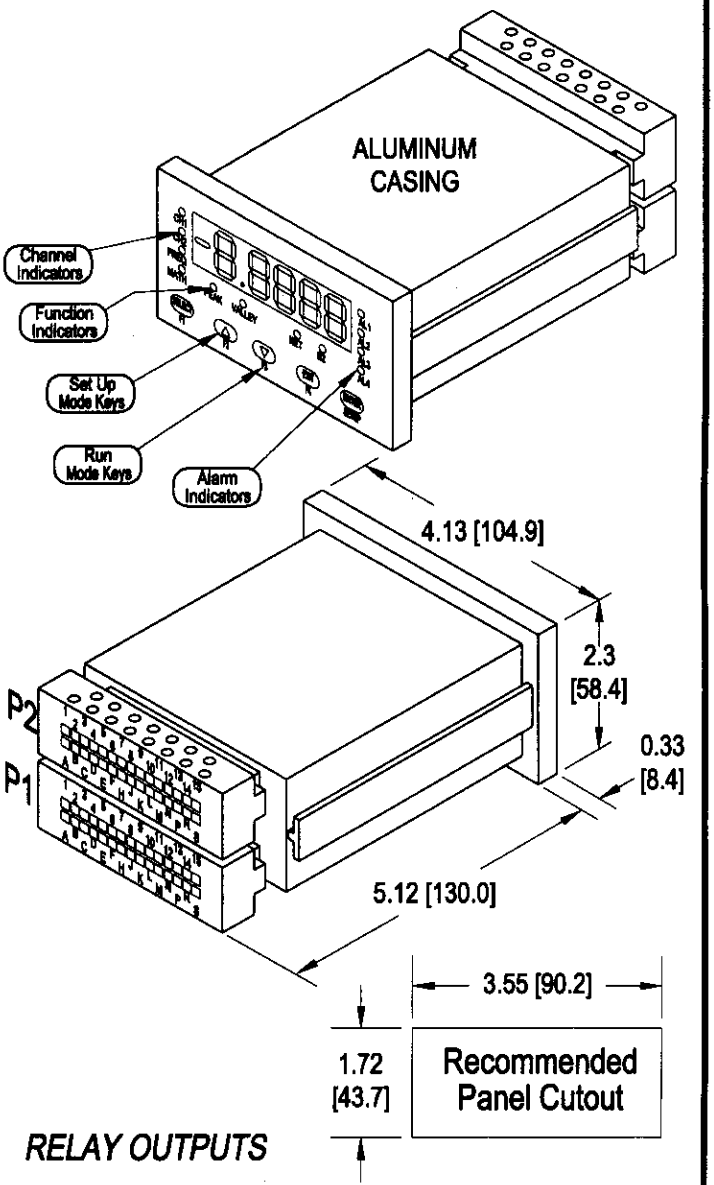
FOR USE W/ ANY STRAIN GAGED SENSOR

FEATURES:

- 20 Conversions per second (Update rate)
- Scaleable to 6 digits. -19999 to 999999
- Accuracy ±0.02%
- Worldwide input power: 85 to 265 Vac
- Bridge excitation supply (Jumper selectable) 5 VDC @ 40 mA, 10 VDC @ 200 mA, +15 VDC @ 200 mA, -15 VDC @ 35 mA
- Peak / Valley and auto tare
- Plug-in screw terminals
- No calculation scaling, 20 point linearization
- Math channel, Dual scale Setup
- Digital filtering
- Non-volatile memory
- Password protection
- Four programmable setpoint controllers (Alarm) w/ 4 relays 240 VAC @ 5A
- Weight: 25 oz [0.7 Kg]

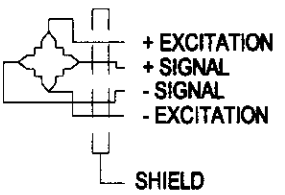
ENVIRONMENT:

- Operating Temperature: -4°F to 140°F [-20°C to 60°C]
- Storage Temperature: -4°F to 185°F [-20°C to 85°C]
- Relative Humidity: 0 / 95° non-condensing
- IP65 / NEMA 4 front panel w/ Aluminum casing



SIGNAL INPUT

+ SIGNAL	P1-P
- SIGNAL	P1-R
- EXCITATION	P2-2; P2-3
- EXCITATION -15 VDC	P2-A
- EXCITATION -18 VDC	P1-11
+ EXCITATION 5, 15 VDC	P2-H
+ EXCITATION 10VDC	P2-5
+ EXCITATION 18VDC	P1-12



AC POWER

AC LOW	P1-1
AC HIGH	P1-3
EARTH COMMON	P1-5

SHUNT CAL LOCATION

P1-6
P1-F

RELAY OUTPUTS

NC RELAY 1	P2-D
NO RELAY 1	P2-E
COMMON RELAY 1	P2-F
NC RELAY 2	P2-L
NO RELAY 2	P2-K
COMMON RELAY 2	P2-M
NC RELAY 3	P2-12
NO RELAY 3	P2-14
COMMON RELAY 3	P2-13
NO RELAY 4	P1-6
COM RELAY 4	P1-F

ANALOG OUTPUT

GROUND	P2-2; P2-3
OUTPUT 0-10 VDC	P2-4
OUTPUT 0/4 -20 mA	P2-B
EXCITATION -15 VDC	P2-A

FUTEK
ADVANCED SENSOR TECHNOLOGY, INC.

This drawing is submitted solely for the information and exclusive use of theoriginal addressee. It is not to be divulged in whole or in part, by any firm or individual without written permission from FUTEK

10 THOMAS
IRVINE, CA 92618 USA
1-800-23-FUTEK (38835)

INTERNET:
http://www.futek.com

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.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

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

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

ARTISAN® TECHNOLOGY GROUP