

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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9840 INTELLIGENT INDICATOR (U.S. & METRIC)

FEATURES & BENEFITS

- TEDS Plug & Play Ready IEEE 1451.4 compliant
- 1 or 2 channel
- Remote sense excitation
- 5 & 6 point linearization
- Bipolar
- ±999,999 display counts
- Nonlinearlity < ±0.005%
- Auto setup for multiple load cells
- Fast, direct analog output
- ±10 VDC scalable analog output – 16 bit
- Full duplex RS232C communication
- Peak/valley hold with front panel reset
- Front panel and remote tare
- 8 selectable digital filters
- Auto zero
- Front panel shunt calibration with two selectable resistors
- Display units conversion: Lb, Kg, N, Psi, Mpa, Klb, kN, t, mV/V, lbf-in, oz-in, Nm
- Two-line display
- Quadrature encoder channel available
- mV/V calibration
- USB port

OPTIONS

- TEDS read/write template 33, 40, 41
- 2nd channel
- 2nd 16-bit scalable analog output
- Display Freeze/Remote Display Freeze
- 4-20 mA analog output
- Quad Limits
- RS485
- Multi-drop RS232
- Print Button
- 7-pin circular load cell connector
- Encoder Channel
- Second Line Enable on 1-channel unit
- Keylock

International System of Units (SI) dimensions and capacities are provided for conversion only. Standard products have U.S. capacities and dimensions. SI capacities available upon special request and at an additional cost.

STANDARD CONFIGURATION



MODEL 9840-100-1-T (Shown)

SPECIFICATIONS

EXCITATION		
Voltage – VDC		5 or 10
Current – MAX – mA		180
OUTPUTS		
Serial Interface		RS232 duplex
Output – Analog, 16 bit – VDC		Scalable, ±10
Output – Analog, Direct – Hz		1.5K
Output – Analog – mA		4–20 (optional)
Limits		Quad-programmable
PERFORMANCE		
Maximum Display Counts		±999,999
Display Update / sec.		4
Internal Resolution – bits		24
Signal Input Range – mV/V		±4.5
Programmable Count - by		1, 2, 5, 10, and 20
Conversion Rate / sec.		60
Maximum Error – %FS		0.01 ±1 count
CMRR – dB		115
ENVIRONMENTAL		
Operating Temperature	°F	+32 to +122
	°C	0 to +50
Storage Temperature	°F	+14 to +140
	°C	-10 to +60
Relative Humidity – % MAX	°F	95 (104) non-condensing
	°C	95 (40) non-condensing
POWER		
AC Power – VAC, Hz		115 or 230, 50–60
DC Power (option)		Available as a special
Power Consumption – watts		12
MECHANICAL		
Dimensions - W x H x D	in	7.5 x 2.5 x 9.5
	mm	190. 50 x 63.50 x 241.30
Weight	lbs	5
	kg	2.26796
Display		Vacuum Fluorescent
Unit Annunciator		Lb, Kg, Klb, kN, N, mV/V, lbf-in, oz-in, Nm

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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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