

ARTISAN®
TECHNOLOGY GROUP

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

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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.

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Expert team | Trust guarantee | 100% satisfaction

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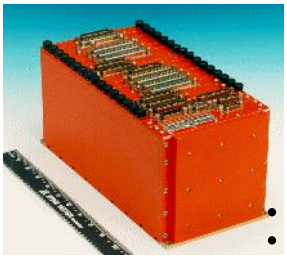
Find the *L-3 / Aydin ARC-429T-1* at our website: ***Click HERE***

PCM Encoders

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PCU-800 Series | MPC-800 Series | MMSC-800 Series | PMU-700-III Series

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PCU-800 Series I, II & III

The PCU-800 Programmable Conditioning provides signal conditioning and encoding for many types of sensors and transducers into a format suitable for recording, transmitting, or real-time analysis by computer-based systems. Hundreds of configurations have been used in applications such as:

- **Commercial Airlines**
- **Industrial Measurement Applications**
- **University Research and Development**
- **Military vehicles and systems**
- **Aerospace Vehicles**

The PCU-800 is a modular system which accepts a number of plug-in cards, each of which can be used for a unique sensor or measurement type. These cards are fully interchangeable with each other and can be used in any desired combination depending on the measurement requirements. Typical cards include:

- **ACC-116: AC Voltage to RMS Converter (16 channel)**
- **AMC-132: Single Ended Analog Multiplexer (32 channel)**
- **AMC-216: Differential Analog Multiplexer (16 channel)**
- **ARC-429: ARINC 429 Bus Receiver (4 buses)**
- **ARC-429T: ARINC 429 Bus Receiver w/Time Tag (4 buses)**
- **BMC-553: MIL-STD-1553 Bus Receiver Card (1 bus)**
- **BRC-114: Resistive Temperature Conditioner (14 channel)**
- **BRC-128: Resistive Temperature Conditioner (28 channel)**
- **CAC-108: Charge Amplifier (8 channel)**
- **DFC-104: Frequency Conditioner (4 channel)**
- **FPC-104: Frequency/Period Conditioner (4 channel)**
- **DHC-104: Del Norte and PSI Scanner Controller I/F**
- **DMC-124: Bi-Level Mux (24 channel)**
- **DMC-124S: Bi-Level Mux - Latchable (24 channel)**
- **DMC-224: Bi-Level Mux - Opto-isolated (24 channel)**
- **LVD-103: LVDT/RVDT Converter (3 channel)**
- **SCC-104: Bridge Conditioner with completion (4 channel)**
- **SCC-108: Bridge Conditioner - 4-arm Bridge (8 channel)**
- **SCC-304: Bridge Conditioner w/ prog filters (4 channel)**
- **SCC-508: Isotron Accelerometer Cond (8 channel)**
- **SDC-202: Serial Digital Interface (2 channel)**
- **SRC-103: Synchro/Resolver Converter (3 channel)**
- **TCC-116: Thermocouple Conditioner (16 channel)**
- **TCI-104: Thermocouple Multiplexer I/F (4 TCM units)**
- **TTE-100: Time Code, Tracksplit, Expansion (3 versions)**

The PCU-800 is fully programmable, allowing the user to change key parameters on a daily basis if required. These parameters include channel scheduling, gain, offset, PCM format and synchronization, resolution, output coding, etc. The PCU-816-II is also available with circular MIL connectors are used in lieu of the standard "D" and "DD" connectors.

Return to top of page...

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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