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Find the *Dewetron DEWE-3010* at our website: *Click HERE*





MODULES



You know the problem: your A / D card can only measure voltage and if it is only slightly too high then your precious A / D card will be defunct. It is also not possible to connect sensor signals directly or simply to the A / D system.

"The DEWE MODULES solve this problem for you!"

There are various systems in which 4, 8, 16, 32 or 48 measured value inverters fit with an output voltage of ± 5V, so that they can be connected directly to your A / D card. The measuring signals can be connected directly to the plug-in connectors of the modules in a simple manner.

A wide choice of transducers, completes the system: Current, Voltage (500 µ V to 1.000V), Frequency, Bridge / Strain gauges, thermocouples, vibrational sensors, LVDT sensors, Pt100, in short, ... from milli-volts to kilovolt .

For slow (data logger) applications one can also use the Dewetron PAD modules. These offer multiple inputs per module and transmit the measured values directly via RS232 interface, directly to the PC. So you have an on-line data logger with visualization and storage of measured values.

The Dewetron Modules are suitable for use in the DEWE-RACKS , DEWE2010 / 3010 , DEWE-BOOK systems. The DAQP-V and DAQP-DMM are used in the PNA-3010 analyzer and are 19 "version.

Module	Ranges, Features, Notes	Bandwidth	Isolation	Output
DAQP Series Programmable Voltage Amplifier Modules				
DAQP-V -B, -BNC, -DSUB Medium Voltage Module	±10 mV, 100 mV, 1 V, 5 V, 10 V, 50 V (available with banana, BNC, or 9-pin DSUB input connectors) 5 filters (-DSUB has sensor supply)	DC to 50 kHz	1 kVrms	±5V
DAQP-DMM High Voltage Module	±10 V, 40 V, 100 V, 200 V, 400 V , 1000 V; 5 filters	DC to 20/30 kHz	1.5 kVrms	±5V
DAQP-uV Micro Voltage Module	±500 uV, 1 mV, 2.5 V, 5 mV, 10 mV, 25 mV, 5 filters	DC to 20 kHz	N/A	±5V
Other DAQP Series Programamble Modules				
DAQP-BRIDGE Strain Gage Module	0.1, 0.2, 0.5, 1, 2, 5 mV/V 2.5, 5, 10, 15 VDC excitation, 4 filters	DC to 20 kHz	N/A	±5V
DAQP-CHARGE Accelerometer Module	1, 10, 200, 1000 mV/pC or 0, 20, 40, 60 dB Works with CHARGE and ICP® sensors, 128 filters	0.3 Hz to 30 kHz	N/A	±5V
DAQP-TRQ LVDT/AC Carrier Module	1 to 64, or 10 to 640 mV/V; 5 kHz @ 2.3V AC Inductive: 7-10mH; Ohmic: >300 Ω, 5 filters	DC to 1 kHz	N/A	±5V
DAQP-FREQ Frequency-to-Voltage	100 Hz, 1, 5, 10, 100, 200 kHz ≤5 V and ≤250 V input ranges, input and output filters, 2nd TTL output	According to range selected	1 kVrms	±5V

New: **DAQP-ACC** ICP® amplifier with high bandwidth of 300kHz. *(click here for more info)*

Module	Ranges, Features, Notes	Bandwidth	Isolation	Output
DAQN Series Voltage Amplifier Modules				
DAQN-V -B, -BNC, -DSUB Medium Voltage Module	±10 mV, 100 mV, 1 V, 5 V, 10 V, 50 V (available with banana, BNC, or 9-pin DSUB input connectors) 4 filters (-DSUB has sensor supply)	DC to 10 kHz	1 kVrms	±5V
DAQN-DMM High Voltage Module	±10 V, 40 V, 100 V, 200 V, 400 V, 1000 V; 4 filters	DC to 3 kHz	1.5 kVrms	±5V
Other DAQN Series Modules				
DAQN-BRIDGE Strain Gage Module	0.1, 0.2, 0.5, 1, 2, 5 mV/V 2.5, 5, 10, 15 VDC excitation, 3 filters	DC to 5 kHz	N/A	±5V
DAQN-CHARGE Accelerometer Module	1, 10, 200, 1000 mV/pC or 0, 20, 40, 60 dB Works with CHARGE and ICP® sensors, 128 filters	0.3 Hz to 30 kHz	N/A	±5V
DAQN-THERM-x Thermocouple Module	5 models available , types K and J. Other types available upon request. Includes CJC.	DC to 4 Hz	1kVrms	±5V
DAQN-RTD RTD Temperature Module	Pt100 type, 2 or 4 wire hook-ups. Select range when ordering: -30 to 170 °C,; -100 to 200 °C, -50 to 600 °C	DC to 10 Hz	N/A	±5V
DAQN-POT Potentiometric Module	Range is 0 to 100% of connected potentiometer Works with resistors from 100 Ω to 10 kΩ	DC to 100 Hz	N/A	±5V
DAQN-OHM Resistance Module	100 Ω to 10 kΩ resistors	DC to 100 Hz	N/A	±5V

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All specifications subject to change without notice.

Module	Ranges, Features, Notes	Output Rate	Isolation	Output
PAD Series Programmable Digital Modules				
PAD-V8 8-ch Voltage Module	8 inputs; Ranges: ±150 mV, 500 mV, 1 V, 5 V, 10 V, or 20 V. Also 0/4 - 20 mA via shunt	~1 Hz	1 kV	Serial
PAD-VTH8 8-ch V/mA/Temp Module	8 inputs; accepts voltage, mA, or thermocouple. Voltage: ±15 mV, 50 mV, 100 mV, 500 mV, 1 V, or 2.5 V. Current: 0/4 - 20 mA via shunt Temp: Types J, K, T, E,R, S, B, C, N	~1 Hz	1 kV	Serial
PAD-TH8-K, -J, -T 8-ch Thermocouple Module	8 high-accuracy (±0.5°C) thermocouple, includes PAD-CB8 break-out box. Choose from Types K, J, or T	~1 Hz	1 kV	Serial
PAD-RTD3 3-ch RTD Module	1, 10, 200, 1000 mV/pC or 0, 20, 40, 60 dB Works with CHARGE and ICP sensors, 128 filters	~1 Hz	N/A	Serial
PAD-CNT2 2-ch Counter/Tach Module	Two independent 32-bit counters, with 50 kHz max. sampling, isolated or non-isolated inputs	~1 Hz	1 kV	Serial
PAD-AO1 Analog Output Module	Single-channel 0–20 mA, 4–20 mA, or 10 V analog output, 500Ω	~1 Hz	N/A	Serial
PAD-DI8 8-ch Digital Input Module	8 digital inputs (6 independent and 2 common ground channels); Low: 0–1 V; High: 3.5–30 V	~1 Hz	1 kV	Serial
PAD-DO7 7-ch Relay Output Module	Drives up to 7 relays (dry contact), Load: 60VAC @ 0.5A, 24 VDC @ 1 A, 1000 V surge strength	~1 Hz	1 kV	Serial

Questions or remarks about this website: webmeester@dewetron.nl
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