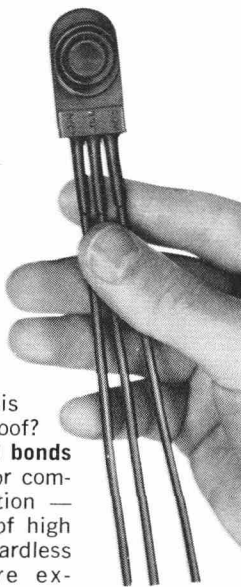


CPI Waterproof Switches fit into more than 45 different actuators. They're flat, small, have an excellent electrical rating and operate reliably from -65° to $+165^{\circ}$ F. And they're really waterproof.



Why the emphasis on **really** waterproof? Because only CPI bonds with neoprene for complete encapsulation — your assurance of high performance regardless of temperature exposure, humidity, sand, dust and salt spray conditions. They're highly sensitive but ruggedly constructed to withstand shock and vibration — operating reliably without damage from -65° to 165° F. Life expectancy is high under full electrical load — 250,000 cycles at 115 V.A.C. All CPI waterproof switches meet MIL-S-13484 and MS-39058 requirements. There is a design to meet every military, commercial and industrial requirement.

CONTROL PRODUCTS, INC.
280 RIDGEDALE AVENUE, E. HANOVER, N.J.

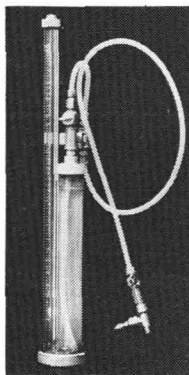
CPI

SPECIALISTS IN SWITCHING

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Leak Gauge

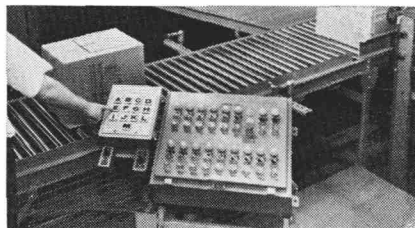


Model 2000 gauge checks pressure and leaks on all gas equipment.

It has the reservoir extended 8" above the fluid, with a small bore tube extending from the top of the reservoir down into the fluid. Pressure is applied to the gauge and the system like other gauges, reading the amount applied on the dial of the gauge (0-16" water, 0-200 lb psi). If a large leak exists the fluid will drop rapidly in the gauge tube, if a fine leak exists, you can observe this leak quickly by turning one valve at the top of the reservoir. The only way pressure can be removed from the gauge is to force the fluid up the small bore tube inside the reservoir.—Kuhlman Instrument Co., 54 E. Summit St., Norwalk, Ohio 44857

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Conveyor Control



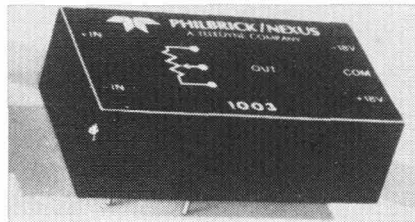
Electronic conveyor control system can sort random intermixtures of packages, cases, or cartons in warehouse operations.

Up to 100 output stations can be actuated by the control system. These output stations can be set in the field and their positions arranged or rearranged to your needs.

The conveyor can be stopped or started without loss of sorting information.—Noble Electronics, 5025 7th St., Carpinteria, Calif. 93013

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Operational Amplifiers



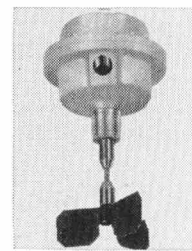
Series 1003 and 100301 operational amplifiers feature FET-transistor input, high common-mode rejection, and low thermal drift.

The high common-mode rejection makes the accuracy of a conventional adder-subtractor circuit depend on resistor ratio match. The low bias current permits operation in integrator circuits, with a minimum of drift from charging of the integrating capacitor.

Because of the low response to thermal transients, these amplifiers are ready for low drift operation 2 sec after turn on.—Philbrick/Nexus Research, Allied Dr. at Rte. 128, Dedham, Mass. 02026

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Bin Level Control



A line of two switch Bin-O-Matic bin level controls feature an instant action option that reduces signal time to $\frac{1}{2}$ sec.

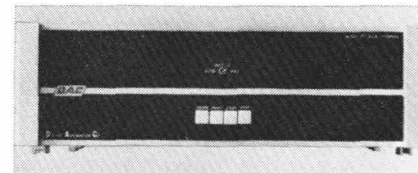
One switch trips and completes a signal circuit the moment the paddle stops to immediately halt operation. The level control can also trigger alarm systems of lights, buzzers, or bells and stop blenders, feeders, and batchers.

The second switch prevents false signalling caused by materials shift. The paddle must be completely free of material before the second switch triggers the signal to resume a predetermined operation.

Other features include complete motor shut off; no leak seal assembly; sensitivity adjustment; stainless steel flexible shaft; and built-in slip clutch.—Monitor Mfg. Co., 200 N. Island Ave., Batavia, Ill. 60510

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Data Interface



This data interface accepts unmodified parallel BCD data from 24 input devices each having up to six digits. Then the data is transformed to an output that drives printers, teletype, paper tape, magnetic tape, and card punches.

A variety of input and output codes can be used.

An optional buffer storage allows data accumulation to resume during readout.—Digital Automation Co., Inc., 68 Highway 31, Pennington, N.J. 08534

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