

IEN



MARCH 2006

FLOW CONTROL

Magmeter, Series FMG3000/FMG3100, uses insertion-style magnetic sensor with no moving parts and does not require field programming. Measuring even dirty liquids accurately, it ranges to 5 m/sec in 4–20 mA version or 10 m/sec with frequency output. Constructed of corrosion-resistant materials, meter works in pipe 0.5–8 in. **Omega Engineering Inc;** (800) 826-6342 (203) 359-1660; Tech Contact: Florence Eng



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MATERIAL HANDLING

Vacuum Hose for abrasive media, Model TPU VAC SW, is lightweight, flexible alternative to heavy-walled PVC and rubber hose. Embedded copper static wire allows hose to be grounded, eliminating static electricity buildup during material transfer. Sizes range from 3–8 in. Thermoplastic urethane hose resists ozone, UV attack, oil, grease, and chemicals. **Novaflex Group;** (800) 563-3539 (905) 731-1643; Tech Contact: Sarah Gaudenzi

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SAFETY

Flame Detector, Model FL4000, protects people, equipment, and facilities from hydrocarbon flame sources within 230 ft. Immune to false alarms, it combines optical Multi-Spectral IR sensor array with neural network technology processing. Detector discriminates between actual flames and nuisance false alarm sources. Indication is via LEDs, relays, and Modbus.



Detector discriminates between actual flames and nuisance false alarm sources. Indication is via LEDs, relays, and Modbus. **General Monitors;** (800) 330-9161 (949) 581-4464; Tech Contact: Ardem Antabian

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DATA ENTRY

PC Keyboard, with programmable display keys, lets users create custom icons or other images that identify functions or next steps in software operation. LCDs embedded in keytops change dynamically, updating as new software is loaded or new applications are used. Model 205PRO runs on USB 2.0. Desktop software provides real-time icon editor and icon-to-hexadecimal image converter. **United Keys Inc;** (408) 779-8946

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PROCESS

Control Valve significantly reduces air use of air-operated double-diaphragm pumps without reducing output flow. MizAir consists of NO 2-way, 3/4 in. NPT full-flow valve and electronic control unit, which requires 24 Vdc and interfaces to end of stroke detector. Valve with response time under 50 ms operates for 25 million cycles. Amount of air savings is tuned by adjusting the duration time pot. **Proportion-Air Inc;** (317) 335-2602

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