

NEW PRODUCTS

timing belts or couplings unnecessary.

In addition, the SES/SEM70/90 have single and multiturn versions available. The mechanical multiturn function takes additional revolution measurements without the need for additional components such as external batteries and cables. The mechanical aspect eliminates loss of the absolute position due to a dead battery.

For further information, please contact:

SICK

www.sick.com

Updated Version of Design Software

Front Panel Express has recently upgraded their Front Panel Designer: a free CAD software that lets you design and order custom front panels and enclosures exactly to your specifications. Front Panel Designer enables users to design a custom machined product and actively participate in the production process.

Front Panel Designer offers the following features:

- Drilled holes, cutouts, curved slots, threads, and countersunk holes
- Rounded and beveled edges
- System holes for standard 19" front panels
- Macro objects
- Text engravings and engraving objects
- HPGL engraving import
- DXF import for free contours
- DXF/SVG export of your file
- Price calculation
- Order processing

Material and manufacturing costs can be calculated at any time through Front Panel Designer. Innovations in the new Front Panel Designer Version 6.0 include:

- Front panels can be displayed in a 3D view. The front panel can be observed from any viewing angle in the 3D view.
- Brushed aluminium is available as a new material in both vertical or horizontal brushing directions.
- Integration of the Schaeffer AG webshop. All front panels can be ordered through the webshop in the future.

For further information, please contact:

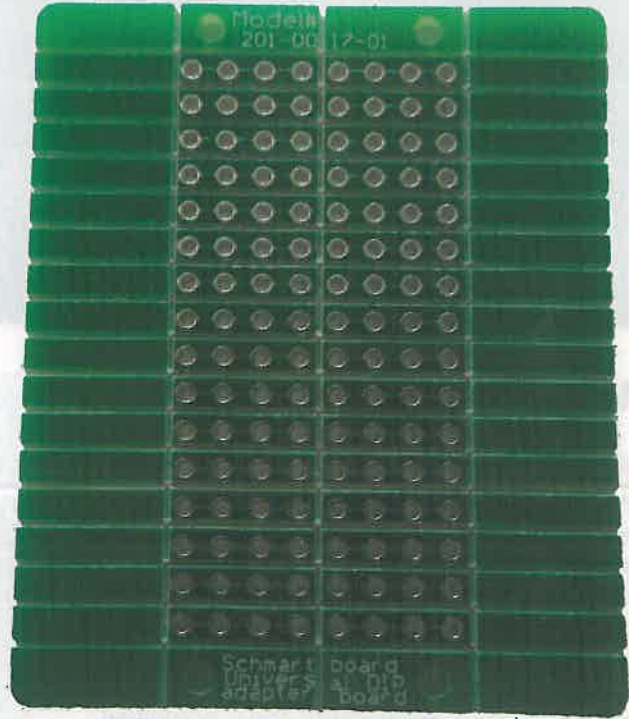
Front Panel Express www.frontpanelexpress.com

If you have a new product that you would like us to run in our *New Products* section, email a short description (300-500 words) and a photo of your product to:

newproducts@servomagazine.com

New Type of Through Hole Board

Schmartboard is now offering the Universal DIP Adapter Board. This is a flexible board that allows you to creatively modify your circuits. The board can be broken down into 32 individual strips each containing four holes, or can be kept whole.



The initial application of the board was to modify the size of Schmartboard surface-mount to DIP adapter boards to fit into multiple DIP socket sizes. These boards can be used to add power and ground strips capabilities to a circuit and work well with ribbon cables. You can connect exactly how many strips that are needed to your cable. Price is \$5.

For further information, please contact:

Schmartboard <http://schmartboard.com>

High Speed Streaming Camera for Machine Vision Applications

Vision Research has introduced the Phantom® S990, one of the world's fastest machine vision cameras. The S990 features the right combination of fast frame rate, high resolution, and available throughput for use in demanding machine vision applications in multiple industries.

The camera combines world-class high speed image quality with direct data transfer speeds up to 9 Gpx/second to capture 938 frames per second (fps) at full 9-Mpx 4,096 x 2,304 resolution. It brings the power of high speed streaming data to machine vision applications, significantly increasing capabilities across both traditional high speed