



High quality data acquisition and embedded control products.

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SG-3801: Isolated DC Current Input/Output Module

Our [SG-3801](#) helps electrical instrumentation interact as a current input to current or voltage output signal conditioner. One of the clever features of the module is a hefty 3000Vdc power isolation technology that ensures the integrity of the modulated signal which leads to more optimized production—essential in this unfriendly economic weather. The [SG-3801](#) signal conditioner accepts and delivers unipolar current or delivers unipolar voltage at the following user-configurable settings: input current (0 - 20mA, 4 - 20mA), output current (0 -5V, 0 -10V) and output voltage (0 ~ 5V, 0 ~ 10V). The [SG-3801](#) signal conditioner supports both Zero and Span types of voltage regulation for signal calibration. Like a good communicative device, it displays its internal state with a LED readout, a boon for troubleshooters. Also, the design of the [SG-3801](#) is interested in maintaining the exact information of the signal so its modulations stay accurate to within $\pm 0.1\%$ of the full range of the setting.

An advanced machine, the [SG-3801](#) signal conditioner isn't afraid of significant drops and leaps in the ambient temperature in which it will continue to perform at a high level. Its space-conscious design fits a lot of functionality into pocket-size dimensions and can be din-rail mounted for further versatility. Elderly persons have special glasses to help them when they have trouble reading messages. Your electrical equipment has the [SG-3801](#).

ICP DAS USA is a cost effective leader in the US industrial market; offering a stunningly competitive price/performance ratio, while catering to the latest solutions for current industrial trends. We are a Fast Growing Provider of High Quality Industrial Data Acquisition Systems and Control Products! Our Mission: We seek to provide our customers with cost effective, flexible, and easy to use solutions for their Data Acquisition and Embedded Control Applications. [ICP DAS USA](#) provides a great variety of products with modular and universal solutions for any scale application or projects

To learn more about the variety of ideas and real projects integrated with ICP DAS hardware, visit our website at www.icpdas-usa.com, or give us a call, toll free, at 1-888-971-9888 and one of our engineers would be happy to assist in reviewing the project requirements, ensuring that the highest quality solution is presented in your final application.

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