

1769sc-IF8u 8-Channel Universal Analog Input Module

for Allen-Bradley CompactLogix™ and MicroLogix™ 1500 PLCs



- Eight channels of voltage, current and thermocouple or 4 channels of RTD/resistance input provide a flexible solution for applications requiring mixed analog input.
- Any combination of input types may be used at one time.
- Features 500 Vdc channel-to-backplane isolation; 500 Vdc channel-to-chassis ground isolation; 10 Vdc channel-to-channel isolation.
- Easily configured by ladder register settings and on-board jumpers.
- Channel selectable filtering for maximum speed with minimum noise.
- Fully auto-calibrating for best possible accuracy.
- Cold junction compensation included for thermocouples.
- Low power consumption.

Reduce System Costs

The 1769sc-IF8u can reduce system costs replacing dedicated analog I/O modules with one module. The 1769sc-IF8u module can replace analog input, thermocouple and RTD modules without compromising performance. Mix and match input types to reduce your analog I/O module count. Installation is simplified and costs are reduced by using a common I/O within your system.

State-of-the-Art Features

The broad variety of input types and configuration options provide unsurpassed flexibility and simplify integration. Features such as input type, open circuit detection, high and low range alarms are individually programmable for each channel. Accuracy is comparable to dedicated analog input modules. The module incorporates proprietary Allen-Bradley ASIC technology insuring operation and performance mirror existing Allen-Bradley products. Configuration is accomplished using existing programming software.

The Spectrum Controls 1769sc-IF8u is compatible with Allen-Bradley MicroLogix 1500 and CompactLogix controllers. It offers the functionality of dedicated analog input modules without compromising performance or price.

