



1734 POINT I/O™

IN-CABINET MODULAR I/O PLATFORM

POINT I/O is a family of modular I/O products ideal for applications requiring flexibility and low cost of ownership. With one to eight channel density modules, including a self-configuring discrete module, the modularity of POINT I/O minimises system costs and size. The ability to mix standard and safe I/O provides even greater flexibility and opportunities for standardisation, regardless of application requirements.

Since it can be used both as local and remote I/O, POINT I/O further reduces engineering costs in design, installation and application development. As part of the Rockwell Automation Integrated Architecture, POINT I/O provides comprehensive channel-level diagnostics (wire off and short circuit), and configurable features, such as user-set filters and alarms, making it easy to use in your application.



POINT I/O is the only IP20-rated modular I/O solution compliant with ODVA requirements for linear, star, and ring EtherNet/IP architectures. This provides you with greater system reliability and availability, maximising your uptime and system performance.

IO-Link is the first technology for communication with sensors and actuators to be adopted as an IEC 61131-9 standard. POINT I/O-Link Master allows up to four I/O – Link devices to be connected to the POINT I/O system. Regardless of the application, POINT I/O brings the power of the Integrated Architecture to the field device in a small, easy-to-use package.



FEATURES AND BENEFITS:

Flexibility

- Connectivity to ControlNet, DeviceNet, EtherNet/IP and other open networks
- Linear, star, and ring EtherNet/IP network topology
- Supports I/O – Link Technology
- Individual, rack, and assembly-level connections
- Horizontal or vertical mounting without derating
- Safe and Standard I/O in the same chassis



I/O-Link Master



Cost Savings

- Modular design requires less enclosure space
- Up to 504 channels on a single network interface
- Removable terminations accelerate commissioning
- Remove and Insert Under Power (RIUP) reduces maintenance time
- Local autonomous control

Ease of use

- Fast, simple configuration and integration
- Full Add-on-Profiles in Studio 5000®
No other software is needed
- Channel-level diagnostics

Faster Performance

- Multiple connection types
- Sense-to-actuate <2 milliseconds