

## 8000 Series I/O

The NovaTech 8000 Series I/O is the native I/O of the D/3<sup>®</sup> Distributed Control System (DCS).

NovaTech 8000 I/O is ideal for new installations and for upgrading existing NovaTech 16000 Series I/O families in existing Process Control Module cabinets. Retrofit panels facilitate connection to new termination panels with minimal impact to existing connectors and wiring.

With a -40o C to + 70o C operating temperature range and conformal PCB coating, the NovaTech 8000 Series I/O may be used in control rooms and in hostile field environments. All 8000 Series I/O are listed to UL 61010.

### **8000 Series I/O Features**

Wide range of module types, in any mix of 16 digital or analog input/output channels

- Up to 64 I/O modules per node
- Up to 50 nodes per EthernetMPC card
- Wide operating temperature range, -40oC to + 70oC
- General-purpose and intrinsically-safe I/O within a single node
- Redundant Local Area Networks (LAN) and power supplies supported
- High channel density
- Zone 2 and Division 2 hazardous area mounting as standard
- I/O module hot-swapping even in Zone 2 and Division 2
- HART<sup>®</sup> pass through supported
- Rugged construction, optimized for true field mounting
- Integrated (per-channel) fusing and loop-disconnect facility
- Bussed field power on carriers eliminates daisy-chain wiring at field terminals
- Sophisticated mechanical keying system eliminates risk to plant and personnel

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