

# IntelliTop™ 2.0 Control System



## Product Features

Pentair Südmo's innovation in intelligent communication is designed specifically to increase plant efficiency by controlling, monitoring and reporting on all valve functions in the process plant. The system shortens start-up, monitors plant functions and quickly identifies a component or communication issue. This results in faster response time and virtually eliminates downtime in the process systems.

Pentair Südmo's IntelliTop 2.0 decentralized control unit located on the process valve makes it easy to reduce hose and cable lengths, which simplifies the system design and reduces installation work. The valve position and communication faults are easily seen from any angle or distance. The green, yellow and red signal colors can be assigned for specific needs. The heart of the IntelliTop 2.0 is the path measuring system for tracking as many as three of the process valve's switching positions. Simple set-up with the three programmable buttons assures fast and reliable process start-up. The convenient service function allows for fast and reliable process valve servicing with the control head closed for protection.

Backed by our proven technology, superior service and extensive application know-how, Pentair Südmo's IntelliTop 2.0 Control System provides the information you need to keep your plant running smoothly.

# IntelliTop™ 2.0 Control System



## Benefits

- Customized sensing positions with intelligence to sense valve seat position/s
- Built-in microcontroller tracks valve use
- Bright LED beacon, visible from all sides, for easy valve seat detection for all open/close/seat lift cleaning positions
- Multi-colored LED with pulsing frequency assists in locating process/bus fault/seat positions
- Information can be loaded to your PDA or computer for service
- Maintenance tool allows for easy control via a magnet coded key
- Large CV's for solenoids allow for fast valve action
- Solenoids have throttling available to control opening/ closing times
- Small and compact to fit in tight areas
- IP 65/67/69K meets water tight needs in the process room
- On board intelligence allows for maintenance I/O signals

## Standard Specifications

### Operating Pressure

- Control air pressure: 100 psi max

### Operating Temperature

- 14-131 °F (-10-50 °C)

### Pneumatic Connections

- 1/4" poly push/pull type connectors
- Optional 5/16"

### Enclosure Rating

- IP65 / IP67 / IP69K

### LED Status Display

- Green, yellow, red, flashing

### Communication

- 24 VDC, 110 V, AS-interface, DeviceNet™

### Feedback

- 3 intelligent feedback position
- Connection for external signal

### Solenoid Valves

- Flow through (QNn) 200 l/min
- Throttle function - inlet and outgoing air separate

### Electrical Connections

- PG-9 cable gland
- Pin connector

## Options

- Bus system compatible with AS-i or DeviceNet
- Pin or cable gland electrical connection
- 0-3 solenoids

### Südmo North America, Inc.

1330 Anvil Drive, Rockford, IL 61115 USA

T 815.639.0322 • F 815.639.1135

E info@sudmona.com • I www.sudmona.com

Südmo North America, Inc. reserves the right to make changes in the technical specifications at any time.