



# *Optical Process Monitoring Systems*

## **Polestar DSP Series**

- ▲ *Single and multi-channel monitors for use with Polestar's O<sub>2</sub>, pH and CO<sub>2</sub> sensors*
- ▲ *Liquid or gas phase measurements*

### ***SIMPLE AND EASY-TO-USE***

- ▲ **Intuitive, user-friendly interface**
- ▲ **Automatic temperature and pressure compensation**
- ▲ **Stable operation**
- ▲ **FDA21CFR11 Compliant**

### ***MULTIPLE DIGITAL AND ANALOG I/O OPTIONS***

- ▲ **Isolated 4-20 mA powered-loop output, 16-bit output per channel**
- ▲ **RS232/485 with Modbus TCP allows remote operation**
- ▲ **DeviceNet™ and ProfiBus® optional**

### ***ROBUST AND RELIABLE***

- ▲ **NEMA 4X/12 IP65 enclosure**
- ▲ **Automatic Gain Control (AGC)**
- ▲ **Armored optical cabling**

### ***VERSATILE AND ADAPTIVE***

- ▲ **Compatible with all of Polestar's optical sensing elements**
- ▲ **Plug-in flash memory for channel configuration and data storage**
- ▲ **Wall, pipe, or panel mount**

