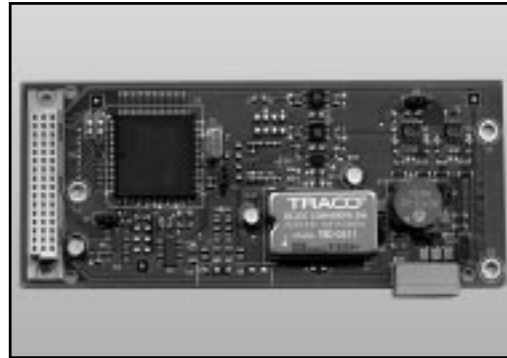




# PROFIBUS-DP FIELDBUS INTERFACE MODULE

(Module # DC-5)



The Profibus-DP fieldbus interface module permits a plant PC or PLC (programmable logic controller) to directly control a DISOCONT™ based control system via the Profibus-DP communication protocol. The module itself mounts inside of the DISOCONT™ “DC-1” System Module allowing over 96 control functions, 800 status bits, and 90 process feedback values to be accessed. Control parameters can also be manipulated through this interface. The Profibus-DP fieldbus module provides an extremely powerful and flexible interface that can be configured for basic start and stop operations as well as complex applications requiring parameter changes and multiple feedback values.

## KEY FEATURES AND BENEFITS:

- Profibus-DP is an “open” (vs. proprietary) digital communications interface, or “fieldbus”, designed specifically for use in industrial applications.
- Profibus-DP can link plant supervisory systems, process automation systems, and peripheral devices such as feeders, mixers, pneumatic conveying systems, etc.
- Profibus-DP, developed primarily by Siemens, has been recognized worldwide as a communications standard since 1996.
- Profibus-DP is used by numerous companies in the chemical, food, cosmetics and plastic industries to run AccuRate equipment.
- Over 200 suppliers offer Profibus-DP compatible devices.
- Profibus-DP is accepted and used globally for plant automation and process automation.
- Profibus-DP is suitable for use in intrinsically safe, process control areas.

- Platform flexibility allows Profibus-DP to be used with PC or PLC based controllers.
- Profibus-DP is the fastest fieldbus available today, with communication speeds up to 12 Mbaud.
- Profibus-DP can support communication distances in excess of one mile (2000 meters).

## PLCs SUPPORTING PROFIBUS-DP COMMUNICATIONS:

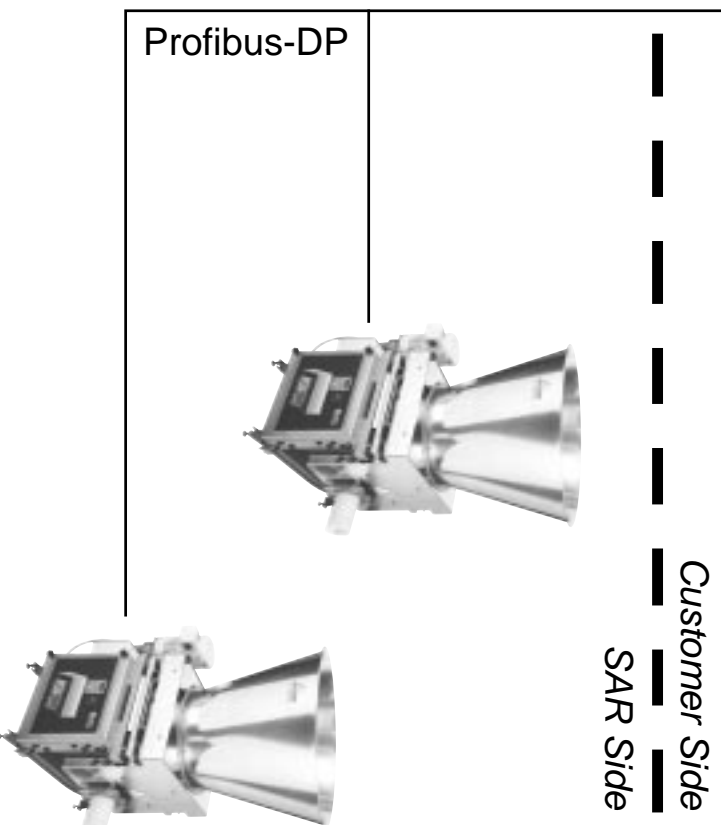
AEG Modicon  
Allen Bradley PLC 5  
Mitsubishi Electric  
GE Fanuc  
Siemens  
Reliance Electric  
Texas Instruments

**For more information, please call  
the AccuRate Sales Department at  
1-800-558-0184 or Fax: 262-473-4384  
or e-mail: [sales@sarinc.com](mailto:sales@sarinc.com)**

# MECHATRON™ / DISOCOCONT™ Used With Customer Supplied Supervisor

Process Supervisor  
(PLC/DCS/PC)

- Required SAR Equipment
- System Module VSE
  - Profibus-DP Module VPB



**PROFIBUS-DP FIELDBUS  
INTERFACE MODULE**

**SPECIFICATIONS**