PLC Data Collection Module (DCM)

The PlantStar PLC Data Collection Module provides unmatched shop floor redundancy with the capability to gather data from single or multiple machines. The individual PLC Data Collection Module can be installed directly in a machine cabinet, providing self-contained data collection for each machine via a single connection to the ethernet network.

Alternately, the PLC DCM is available with an industrial cabinet. Integral wire management and ample room for expansion provides consolidation of inputs from multiple machines.

Includes: Processor module with ethernet port, RS232 serial port, 8 digital inputs and 6 outputs. Expandable with up to 8 add-on modules accommodates virtually any requirement.

KEY FUNCTIONS

- Industrial strength network edge device for high-performance data collection

- Collects real-time production and process data from all types of production equipment

- Available for single or multiple machine connectivity

- 8 digital inputs and 6 outputs standard. Up to 8 add-on modules for any combination of digital or analog inputs and outputs.

- Available industrial cabinet with DIN rail mounting and integral wire management system for improved serviceability

- Available 24V power available for external or internal signal isolation relays

- 24/7 remote support and management

SPECIFICATIONS

- 8 discrete input points, 6 outputs
- Expandable with up to 8 add-in modules
- Communication Port & Connection Types
    - (1) Ethernet 100Mps
    - (2) RS-232 (RJ12)
    - (1) RS-485 (optional)
- Port Protocol(s)
    - Modbus RTU Master/Slave
    - ACSII in/out
- Port Speeds up to 115.2k baud
- User Data Memory - 16 KB
- Battery Backup
- 24 VDC external power or available modular 24V power supply
- Optional enclosure with 24V power supply, DIN rail expansion, wire management and quick-connect terminal blocks: 13.4" x 16.9" x 6.25"