



Literature Request

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- Turck Inductive Sensor
- Turck Incliner

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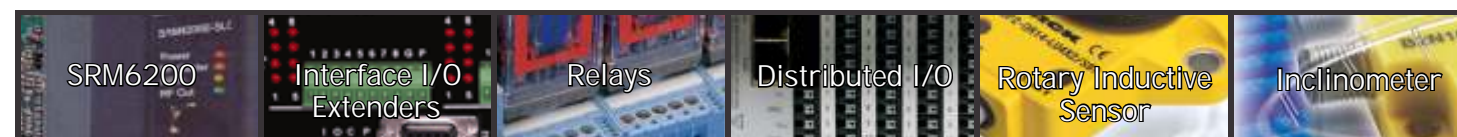
What's New

Introducing...



Chartwell is pleased to introduce Data-Linc Group to our product family. Data-Linc Group is on the leading edge of development in its production of the world's broadest line of industrial grade wireless and wired modems. They provide exceptional data rates, data transmission ranges and the highest degree of data integrity even in the harshest industrial environments. The modems are not only easy to install but also interface seamlessly with automation industry PCs, PLCs and other SCADA system equipment. Data-Linc products provide robust data communication for industrial automation solutions.

Products featured in this edition:



Sensor Products

Rotary Inductive Sensor



Potential Measurement Applications:

- > Solar panels
- > Wind Turbines
- > Crane position
- > Outdoor applications

- 360 degree angular measurement
- Utilize resistance inductive capacitance (RLC) measuring
- IP67 rated with temperature range -40 to 70 C
- Sensor and positioning element are separate pieces
- Positioning element can be mounted in variety of unique ways

Inclinometer for Slope Angles

Potential Applications:

- ⊕ Walking beams
- ⊕ Door jam detection
- ⊕ Simple positioning feedback
- ⊕ Platform leveling

- Three angular ranges
- Two 0-5V analogue outputs (X/Y axis)
- Small and compact rectangular housing
- High measuring speed
- Sensitive and precise
- Long-term stability
- High degree of protection
- Extremely robust
- Body style makes mounting easy



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SRM6200

- License-free wireless- 902-928 MHz ISM (industrial/scientific/ medical) band
- Rated range of up to 25 miles (40 km) and an installed range of up to 35 miles (56 km) in optimal conditions
- Employs Smart Spectrum™ frequency hopping technology
- Wirelessly connects Ethernet PLCs and workstations
- User configurable for Master, Remote, Repeater or Repeater/ Remote mode
- Front panel LEDs.

App Note

Data-Linc's license-free SRM6200E wireless Ethernet modems are part of two systems used by a major baking company that produces more than 10,000 loaves of break per hour. The system incorporates a Master SRM wireless Ethernet modem and a Remote modem on each of the two mobile platforms used in the dough mixing and fermentation process.

This company in Tacoma, Washington had a plan to embark on a \$22 million upgrade to its plant operation. After researching many different solutions to improve communications, including optical, copper, fiber and RF they were lead to Data-Linc. The Ethernet SRM modems were selected because they provide reliable, low maintenance and high speed communications for data transfer, system monitoring and remote programming. The 10baseT crossover switch on the modem simplified system development, integration and testing.



Communication Interface I/O Extenders

Wireless Communication Interface Extender (CIX) for both the 900 Mhz (CIX6400) and the 2.4 Ghz (CIX6500) ISM bands to offer a cost effective, easy-to-implement, industrial grade automation I/O extender that provides direct PLC connection via communication ports to I/O points.



- Easy & inexpensive to install- no complicated PLC programming or proprietary software.
- 8 discrete & 4 analog inputs, 8 discrete & 5 analog outputs.
- 12 bit analog resolution
- Point-to-multipoint topologies



Relays

- Potential Applications:
- ⊕ Automation
 - ⊕ Pneumatic
 - ⊕ Heating Appliances
 - ⊕ Signaling at an input or output interface, etc.

- Designed to withstand 100,000 operations at full rated load.
- Colour coded lockable test button.
- Made of high performance, self extinguishing materials for electrical equipment
- Simplified testing and minimum down time
- Withstands 130 degrees
- Switching frequency is 1,200 operations/hour at max rated load and 6,000 operations/hour at 50% of max load.

TURCK Network Products

Compact In-the-Cabinet Distributed I/O for Ethernet



- An integrated power supply eliminates the need for an additional power module to feed the I/O bus.
- Designed to work with standard BL20 slices that are removable under power; choice of tension (spring) or screw bases.
- Compatible with specialty slices including RS232, SWIRE and RFID-S.
- Low cost solution for communication and I/O points.
- A combination of 32 slices per gateway.

PRODUCT LISTING

Curtis Industries
TERMINAL BLOCKS
RELAY SOCKETS
RFI FILTERS
LIQUID LEVEL CONTROLS

DATALOGIC
PHOTOELECTRIC DEVICES:
SENSORS, LIGHT CURTAINS

GRACE
INTERFACE PORTS FOR PLC'S,
DRIVES, COMPUTERS
& INDUSTRIAL NETWORKS

HARTING
HEAVY DUTY
INDUSTRIAL CONNECTORS

hilscher
PC & EMBEDDED COMPUTER
INTERFACE CARDS
& DIAGNOSTIC
DEVELOPMENT TOOLS

Hyde Park
ULTRASONIC
PROXIMITY SENSORS

Kübler
pulses for automation

comat RELECO
FULL FEATURED INDUSTRIAL
RELAYS, DIN RAIL MOUNTING
SOCKETS & TIME CUBES

TURCK
SENSING, CONNECTIVITY
& NETWORK SOLUTIONS FOR
FACTORY AND PROCESS
AUTOMATION