

SENSORS

INDUCTIVE

- Noncontact detection of metals
- Designed for tough industrial environments
- Sensing ranges to 100 mm (4 in.)
- Over 2000 housing variations
- Models certified for hazardous location installation



Gripdicator™
Verifies full extension/retraction of power clamps and grippers



Rhino™
Rugged, reliable inductive sensing



X-Series™
Sensing range 25-240% beyond "traditional" inductive sensors



Pile Driver™
100% stainless steel housing



20/20 Series™
Detects any metal, even aluminum, at 100% of rated sensing distance



CAPACITIVE

- Noncontact detection of liquid, powdered or granular media
- Detect materials through glass or plastic container walls
- Chemically resistant housings
- Adjustable sensitivity
- Models certified for hazardous location installation



CAPACITIVE PALM BUTTONS



- Ergonomic, touch-activated power press initiation
- UL listed to U.S. and Canadian machine control safety standards
- Immune to electromagnetic and RF interference
- Unaffected by cutting fluid and lubricant overspray

PHOTOELECTRIC

- Application specific photoelectrics
 - Background suppression
 - Convergent beam
 - Contrast sensing
 - Luminescence sensing
 - Optical data couplers
 - Foreground suppression
 - Clear object detection
 - Color sensing
 - Collision avoidance sensing
 - Lasers
- Subminiature housings to rugged cast iron housings
- Economical series designed for OEMs
- Fully modular styles
- Industry-standard housings
- Automatic push-button programming
- IP69k protection
- Wide range of fiber optics and accessories



ULTRASONIC

- Long-range, high-accuracy detection of solids or liquids
- Common applications—level control, web tension feedback and material positioning
- Reliable sensing in dirty environments
- Analog and switch point models
- User-friendly programmability
- Chemically resistant designs



ROTARY ENCODERS

- Rotary position feedback
- Incremental and absolute models
- Solid shaft and hollow shaft versions
- Single and multi-turn absolute versions (both serial and parallel outputs)
- Busable versions



SENSOR BUS SYSTEMS



- Replaces complex cable trees
- Reduces installation costs and time
- Immediate error diagnostics and fault identification
- Scan time ≤ 10 ms per 434 I/O points
- Automatic addressing
- Flexible network structure
- Up to 248 inputs and 186 outputs per network
- Analog I/O, rotary encoders

IDENTIFICATION SYSTEMS

SHORT TO MEDIUM RANGE ID SYSTEMS

- High read speeds
- Inexpensive tags
- 400°F high temperature tags
- Unaffected by paint, grime and electrical noise
- Designed for demanding environments
- Large selection of tag sizes
- PROFIBUS™, DeviceNet™ and Allen-Bradley Remote I/O supported



MEDIUM TO LONG RANGE ID SYSTEMS

- Read ranges up to 20 ft.
- Industrial IP67 tags
- Programmable for high performance
- Digital I/O
- Tags mountable on metal
- Identification of fast moving objects to 60 mph
- Connectivity to Allen-Bradley Remote I/O Network
- EtherNet/IP support



CORDSETS

- Full line of Mini, Micro and Pico models in both straight and right angle styles
- Dual-port and multi-port junction blocks for simplified wiring
- Meet SAE specifications
- Weld slag-resistant models
- Integral strain relief for long life
- Wide variety of cable jacket materials for all applications

