



AUTOMATED

PROCESS

L I M I T E D

...innovative know-how

- Inductive Sensors
- Capacitive Sensors
- Magnetic Sensors
- Cylinders Sensors
- Ultrasonic Sensors
- Photoelectric Sensors
- Photoelectric Fork/Angle Sensors
 - Laser Sensors
 - Distance Sensors
- Fibre Optic Sensors and Amplifiers
- Photoelectric Sensors for Specific Applications
 - Touch Sensors
- Feedback Systems for Valves and Valves Actuators
- Switching Amplifiers

Position Measurement

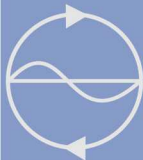
POSITION MEASUREMENT

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INDUCTIVE SENSORS

- o Constant sensing range on all metals
- o Suitable for industrial, mobile, cooling, lubricating, welding, hazardous, hygienic and aggressive applications
- o With IO-Link
- o Full-metal sensors
- o Fail-safe inductive sensors
- o Sensors for limited space
- o Analogue sensors
- o AC/DC and AC sensors
- o Sensors with long sensing range
- o Use at high ambient temperatures up to 180 °C
- o Ring and tube sensors
- o Slot sensors
- o Selective detection of ferrous metals
- o Pressure-resistant sensors
- o Switching amplifiers



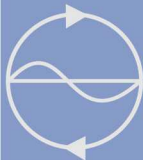
CAPACITIVE SENSORS

- o Detection through non-metallic vessel walls
- o Capacitive non-contact level measurement
- o Use in the plastics industry
- o Use in hazardous areas
- o Use in the electronics and semiconductor industry
- o Small rectangular designs
- o Type M12
- o With IO-Link
- o Long sensing range for conveying
- o AC/DC sensors
- o With switch point signal display
- o Touch sensors with 100 mm diameter
- o illuminated pushbutton with touch surface in M22 design
- o Switching amplifiers for Namur sensors
- o Switching amplifiers for conversion of sensor signals
- o Use in high medium temperature up to 250 °C
- o Metal housing



CYLINDERS SENSORS

- o Use on T-slot cylinders
- o Use on C-slot cylinders
- o Use on other cylinder types
- o Use in welding applications
- o Pressure-resistant sensors for hydraulic cylinders
- o High load current for use on T-slot cylinders



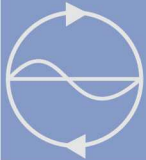
MAGNETIC SENSORS

- o Full-metal sensors
- o Cylindrical housings
- o Rectangular housings
- o Pressure-resistant sensors
- o Use in welding applications
- o Speed sensors for drives and axes
- o Magnetically coded sensors



ULTRASONIC SENSORS

- o Type M18 Cube in metal housing
- o Short type M18
- o Long type M18
- o Ultrasonic sensors type M30



**AUTOMATED
PROCESS**
LIMITED
...innovative know-how

- 6 Cube in metal housing
 8 Cube for wet areas
 ular design O5 for factory automation
 ular design O4 with very long range
 ctangular design O6
 ctangular design O6 for wet areas
 oolants and lubricants
 ctangular design O7
 e type O8
 ctangular design OJ for factory automation
 8 in plastic housing
 8 with light emission on the side
 azardous areas
 temperature sensors with display
 n of the distance value via IO-Link
-

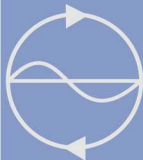
PHOTOELECTRIC FORK/ANGLE SENSORS

- 0 Photoelectric fork sensors
- 0 Photoelectric angle sensors



LASER SENSORS

- o Use in assembly and handling technology
- o Rectangular design O5 for factory automation
- o Type M18 for factory automation
- o Type M18 Cube in metal housing
- o Distance sensors type O1D
- o Distance sensors type M30
- o Distance sensors type O5 with display
- o Small rectangular design O6
- o PMD Profiler for object profile checking
- o Photoelectric fork sensors
- o Cooling boxes and protective housings for distance sensors
- o Distance sensors type O1D with 75 m range
- o Distance sensors type M30 with intuitive operation



DISTANCE SENSORS

- o Distance sensors type O1D
- o Distance sensors type O1D with 75 m range
- o Distance sensors type M18 Cube in metal housing
- o Distance sensors type M30 with intuitive operation
- o Distance sensors type M30
- o Distance sensors - PMD Profiler for object profile checking
- o Distance sensors type O5 with display
- o Cooling boxes and protective housings for distance sensors



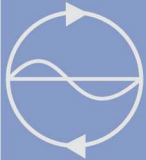
FIBRE OPTIC SENSORS AND AMPLIFIERS

- o Fibre-optic amplifiers for acrylic fibre optics
- o Fibre-optic amplifiers for glass fibre optics
- o Multi-channel amplifiers for acrylic fibre optics
- o Multi-channel amplifiers for glass fibre optics
- o Acrylic fibre optics
- o Glass fibre optics
- o Fibre optic sensors for high temperatures



PHOTOELECTRIC SENSORS FOR SPECIFIC APPLICATIONS

- o High-resolution colour sensors
- o Contrast sensors
- o Glass and film detection
- o Non-contact level detection



TOUCH SENSORS

- o Touch sensors with 100 mm diameter
- o Illuminated pushbutton with touch surface in M22 design



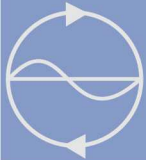
FEEDBACK SYSTEMS FOR VALVES AND VALVES ACTUATORS

- o Smart valve sensor for valve actuators
- o Sensors for valve actuators
- o Automation sets for valve actuators
- o Valve sensors for rising stem valves
- o Target pucks for valve actuators
- o Mounting sets for manual valves and ball valves
- o Switching amplifiers for Namur sensors
- o Switching amplifiers for conversion of sensor signals



SWITCHING AMPLIFIERS

- o Switching amplifiers for Namur sensors
- o Switching amplifiers for conversion of sensor signals



OUR INDUSTRIAL SOLUTIONS AND SERVICES OFFERING



1. Liquid/gas storage/buffer tank level measurement and control
2. Liquid/solid dosing/filling/batching systems
3. Utility liquid/gas metering and inventory systems
4. Fluid loading and unloading systems
5. Industrial safety systems
6. Energy monitoring and management systems
7. Condition monitoring and control systems
8. Instrument maintenance and calibration services
9. Process plants/machines instrumentation and control
10. Compressed air quality solution according to ISO8573
11. Compressed air/gas leak detection and control
12. Control valves system design, assembly and services
13. Industrial wireless and IoT systems
14. Motors, pumps and fans monitoring and controls
15. Electrical panel building components, accessories and services

INDUSTRY

- Food and Beverage
- Pharmaceuticals
- Cement and Chemicals
- Plastics, Printing and Packaging
- Marine, Oil & Gas
- Power and Energy



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