

Product Catalogue 2025

Instrumentation & Automation Solutions



Our History

Lucent Industrial Solutions was established in 2024 in Dubai to serve the growing industrial automation needs in the Middle East, Africa, and Central Asia. Backed by the Oasis Group's 50 years of experience in process instrumentation and automation, Lucent focuses on providing innovative solutions for measurement and control applications.

With a local presence and a commitment to quality, Lucent is dedicated to supporting industries with reliable, efficient, and cutting-edge automation solutions.



Our Business

Specialising in sensing and control solutions, industrial automation, and cable harnessing, we bring decades of expertise complemented by an in-house facility located in Genome Valley, Hyderabad. Our modern, high-quality solutions are backed by testing capabilities, including high voltage, insulation, resistance, and dielectric testing, ensuring unmatched reliability.

As an MSME-registered and ISO-9001 certified enterprise, we prioritise precision, durability, and performance. Additionally, all our parts and components are sourced from verified, reliable vendors to deliver trusted and consistent results.



Cable Assembly and Wire Harnessing

High-quality, custom cable and wire harness solutions for the mobility sector.

Our in-house capabilities include advanced tools, robust testing facilities, and certified quality control processes, ensuring reliable and precise performance.



Valve Automation

Services that include the automating manually operated valves, converting them to electrically or pneumatically operated.

Specialising in actuators, positioners, and controllers; we ensure precise control across industries like oil & gas, power, and water treatment.



PLC and VFD Programming

Expertise relating to testing and calibration services, along with PLC and VFD programming.

We handle complete installation and commissioning; delivering efficient, reliable systems for diverse industrial applications.

TRANSMITTERS AND CONTROLLERS FOR PROCESS INDUSTRIES

Lucent delivers reliable and efficient solutions across power, paper, oil & gas, cement, and metal industries with our portfolio for process industries including:



Smart Pressure Transmitters & Differential Pressure Transmitters



Smart Temperature Transmitters



Flow Meters



Heavyduty Pressure Switches



Heavyduty Temperature Switches



Heavyduty Flow Switches



Heavyduty Limit Switches



Vacuum Contactor



High Pressure Pumps



Manual Valves & Control Valves



Fire-Fighting Valves



Valve Positioners

SENSORS AND CONTROLS FOR OEMs

Lucent excels in catering to OEMs with a focus on mobility; and rotating & special machines, with product range of:



Pressure Transducers /
Transmitters & Switches



RTD and
Thermocouples



Flow Sensors &
Switches



Level Sensors &
Switches



Solenoid Valves



Rail Speed Sensors



Rail Temperature
Sensors



Slot Resistance
Thermometers



Band Heaters



Miniature Encoders &
Resolvers



Mechanical & Electronic
Counter



Vibration Sensors &
Accelerometers

Industries Catered



Automotive



Electricity and Power



Defence



Metals



Water and Wastewater



Paper



Oil and Gas



Food Process

Associations



EPHYMESS



BOPP & REUTHER
MESSTECHNIK



NAMCO



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Company Overview

Lucent Industrial Solutions L.L.C is located in the Emirate of Dubai, in the UAE. Company specialises in industrial automation with special focus on measurement and control automation devices. Lucent Industrial Solutions is a sister concern of Oasis Group in India which has 50 years of industry experience.

03 Product Range

Sensors and Transmitters

Pressure, Temperature, Speed, Flow, Level

Limit Switches

Heavy duty, shock and vibration proof

Counters

Mechanical and digital

Industrial Printers

Parking meters and Kiosk printers

Switches

Pressure, Temperature, Level, Flow

Valves

For controlling the flow of liquids

Condition monitoring systems

Machine health monitoring with data analytics

Fatigue monitoring systems

AI driven DFMS

Vacuum Contactors

For extreme industrial environments

Encoders and Resolvers

Converting angular positioning into output signals

Servo motors and drives

Controlling motor operations

Engine spares

Engine and powerpack assembly spares

Industries



Oil and Gas



Water process



Food & beverage



Steel & Aluminium



Energy and Power



Marine



Rail



HVAC



Construction



Oil and Gas



Application:

- Wellhead Automation
- Storage Tank Level Monitoring
- Chemical Injection
- Hydraulic systems
- Fracturing Truck Monitoring
- Tote Level Monitoring
- Spark Protection in Diesel Fuel Distribution
- Drill motors, top drives, rotary tables, mud pumps, pipe handling, production equipment and more.

Key Features

- High EMC performance without impact on accuracy
- High level of vibration and shock stability
- Long term stability
- High IP degree
- Wide choice of sensor connections, electrical connections, ranges, output signals
- Available with industry approvals





Water



Application:

From desalination via reverse osmosis, to traditional water production, water distribution and wastewater treatment, Lucent provides energy-efficient solutions.

Solutions:



Desalination

- High pressure pumps
- Energy recovery devices
- Pressure transmitters



Water supply

- Smart pressure transmitters
- Flow sensors and switches
- Drives



Water Treatment

- Pumps
- Valves
- Servo motors and soft starters

Energy and Power



Solutions:



Vacuum Contactors

Vacuum contactors are crucial in energy applications. These contactors control the power flow from the energy source to the grid. Contactors are responsible for switching on and off the power supply to various parts of the turbine, including generators, pitch control systems, brakes, etc.



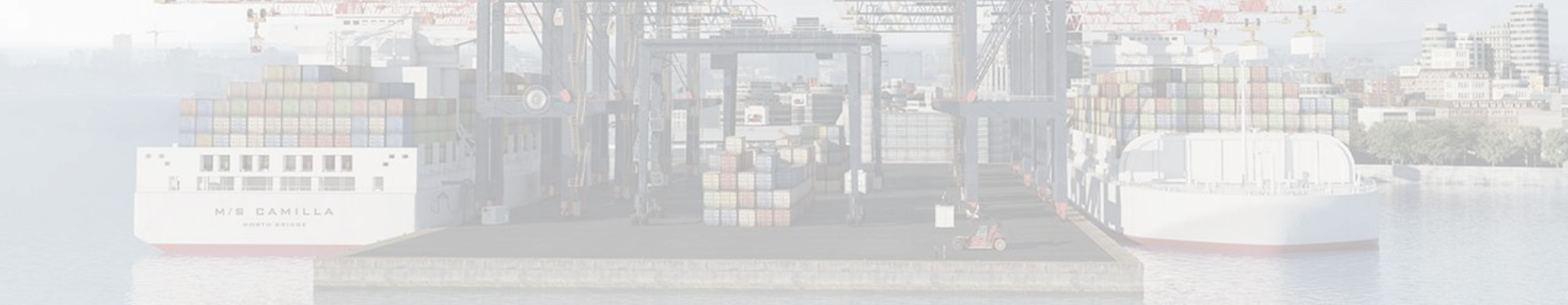
Heavy Duty Limit Switches

Heavy duty limit switches excel in critical industrial, hazardous locations and energy applications where typical limit switches would fail. These limit switches feature electrical contacts designed inside explosion proof housings.



Sensors and switches

Tough quality, high tolerance; pressure, temperature and speed measurement and control solutions



Marine



Applications:

- AFFF Tanks
- Auxiliary generator fuel tanks
- Coolant tanks
- Gray water tanks
- Day tanks
- Cooling systems
- High level alarms for closed loading
- Potable water storage tanks
- Bilge level detection
- Ballast tanks
- Deck flooding alarms
- Lube oil and lube sump tanks

Solutions:

- Pressure sensors
- Level switches
- Encoders
- Temperature sensors
- Level indicators
- Counters
- Speed sensors
- Drives
- Relays
- Flow sensors
- Condition monitoring
- Engine spares





Rail



Safety and reliability put high demands on rail technology and thus also on the sensor technology used in the trains.

Application

- Motors, generators, transformers
- Motor and speed control
- Wheelset bearing monitoring
- Gears
- Switchgear cabinets
- Thermal control of gear oil
- Battery packs



Speed Sensors

for detecting the speed and direction of rotation. Speed and direction of trains are determined from the sensor signal.

Temperature Sensors

for high-speed trains, cargo and regional trains, metros and trams, as well as hybrid buses and fuel cell trains.



Oil Level Gauges

for use in underfloor areas of rail vehicles and can even withstand stone chipping.





Construction



Solutions



Encoders and Resolvers



Sensors and Switches



Condition monitoring

Application



Cranes



HVAC



Hydraulics