

WORLD OF AUTOMATION

Exhibition program / Productcluster



Process Automation Systems

Control Systems

DCS; Distributed Control Systems, Process Systems Engineering, Advanced Process Control, SCADA; Supervisory Control And Data Acquisition, PLC; Programmable Logic Controller, MES: Manufacturing Execution Systems, Process Safeguarding Systems, IPC, HMI

Operator Interface Systems

Control Rooms, wireless pads, displays, OTS; Operators Training Simulators

Process Automation Network Systems

HART, Fieldbus, Profibus/Profinet, ASI, Devicenet, ethernet systems, wireless network systems

Industrial Process Software

Operating systems, database systems, process scheduling systems, modelling systems, engineering systems, PDM; Product/Process Data Management, Datawarehousing, CAD/CAE, business process software, ERP; Enterprises Resource Planning, SCM, BPM, asset management systems, maintenance systems

Industrial System Integration

System Integration Service, system architecture design, system engineering, software application implementation, hardware integration, process optimisation, consultancy

Engineering Software

Field Instrumentation

Flow Meters/Transmitters

Ultrasonic, mass flow, coriolis, magnetic inductive, thermal mass, differential pressure, turbine, float, vortex

Pressure/Differential Pressure Meters/Transmitters

Manometers, tube spring/helical, shell spring, bellows, diaphragm, differential pressure, gas pressure, pressure indicators, seals

Level Meters/Switches

Capacitive, gamma, hydrostatic, radar, ultrasonic, float/displacement, vibration, conductivity

Analytical Instrumentation

Emission, immission, BOD measurement, TOC/TOD measurement, colour, turbidity, pH, oxygen, residual chlorine, gas chromatography, density, conductivity, impedance, ion selective, relative humidity, spectrophotometers, UV/VIS/NIR, viscosity, TDLS

Control Instruments

Control valves (bellows, rotary cone, ball, membrane, needle, knife, butterfly, cone), valve positioners, converters, over-pressure valves, steam control, signal converters, vacuum controllers, safety valves, reducing and solenoid valves cryogenic control equipment, flow/pressure/level/temperature controllers

Handheld Testers

Gas, oxygen, electric, power quality

Factory Automation

Sensors & Motion Control

Position Sensors

Linear, rotary, angular, proximity

Accelerometers & Vibration Sensors

Torque, servo, piezo electric, strain gauge

Pressure Sensors

Transducers, piezoresistive

Loadcells

Mechanical, strain gauge, helical, fibre optic, piezoresistive

Color & Object Detection Sensors

Vision sensors, photoelectric sensors

Motion Control Products

Stepper/servo motors/drivers/controllers, actuators & stages, solenoid control electronics, motor feedback systems, power supplies

Mechatronic Systems & Software

Vision & Monitoring Systems

Cameras, framegrabbers, data collection

Robotics & Handling Systems

Pick & place, stepper motor systems, gripping systems, conveyor systems, robotics

Automatic Identification Systems

Barcode systems, RFID systems, transponder systems

Machine Safety Systems

Safety light curtains, programmable safety controllers, safety relays, process safeguarding, safety interlock switches

Industrial Vacuum Systems/Clean Air Technology

Pumps, blowers, high vacuum, liquid ring, gas compressors, dry vacuum, side channel blowers, rotary vane, filter systems, membranetechnology

Weighing & Dosing Systems

Check weighers, (semi)automatic weighers, weighing stations, modules & loadcells, weighing software systems

Man Machine/Machine Machine Interface Systems (MMI)

Displays, keyboards, monitorscreens, speech systems

Networking & Connectivity Systems

I/O Link, CAN bus, Profibus, remote systems, wireless sensor systems

Machine Control Systems

PLC; Programmable Logic Controller, industrial PC's, data acquisition, Fieldbus communication systems

Systems Control

SCADA; Supervisory Control And Data Acquisition, MES; Management Execution Systems

Engineering Software