TOTAL TRACEABILITY AND SENSING FOR INDUSTRY 4.0: DATALOGIC PRESENTS THE FUTURE OF INTELLIGENT AUTOMATION AT SPS 2022

Total Traceability and Sensing for Industry 4.0

Datalogic presents the future of intelligent automation at SPS 2022 (Smart Production Solutions).

From 08 to 10 November, the SPS (Smart Production Solutions) international trade fair for industrial automation opens its doors in Nuremberg for the industry get-together. Datalogic will be showing how digital automation solutions work today and in the future in Hall 7A, Stand 110. As a global leader in automatic data capture and factory automation, Datalogic will focus its solutions portfolio on 'Smart Solutions for Seamless Traceability'.

Digitalization is driving today's manufacturing processes. It is the key to increased quality, efficiency, and full traceability. The heart of such solutions are Automatic Data Capture (ADC) systems. When combined with factory automation technology, these are the basis for reliable and secure processes. Together with its sister company Datasensing, Datalogic will present new innovative products and solutions for intelligent factory automation.

The new Matrix™ 320 imager has been developed by Datalogic to empower traceability applications. With unmatched field of view (FoV) and depth of field (DoF) in its category, it offers market-leading performance and flexibility. With its impressive Field of View, the imager captures multiple labels or codes in a single read. Built on a multi-core platform, the sensor delivers an unrivalled reading speed for the most challenging applications by reading damaged labels or codes, as well as Direct Marked Parts (DPM). A wide range of lenses, illumination options, filters and accessories cover every application scenario. The Matrix 320 impresses with easy installation, configuration, and consistent operation.

Matrix 320 is the perfect companion for the new Arex401, the high-powered laser marker dedicated to traceability or massive parts or when the components are subjected to wear and tear or must undergo to aggressive post-processing and finishing process. Arex401 is the solution of choice for effective and reliable Laser Direct Part Marking Traceability in modern industries in static and dynamic installations.

With the new industrial handheld PowerScan™ 9600 reader, each manual data collection process is now more flexible, robust, and safe. The scanner is available in corded and cordless models and offers a choice of interchangeable connectivity options. Regardless of whether you are connecting to an industrial PC, tablet or PLC, the interchangeable interface modules can be installed in just a few minutes right out of the box.

The cordless models are based on wireless charging technology, this feature eliminates the possibility

of poor or no charging due to damaged or dirty contacts, which is the number one failure in traditional cradle setups, reducing the total cost of ownership by 15%.

The innovative product and solution portfolio of Datasensing includes machine vision, deep learning, sensors, and safety solutions to facilitate the challenges of industrial automation - from production to internal goods logistics.

Datalogic and Datasensing products feature the latest machine vision technology. They are fully compatible with the most common fieldbus interfaces. This enables manufacturing companies worldwide to create seamless traceability solutions within the framework of Industry 4.0.

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EMPOWER YOUR VISION