# PATENTED TECHNOLOGY IN DATALOGIC'S S8 SERIES PHOTOELECTRIC SENSORS REVOLUTIONIZES PROXIMITY DETECTION

Bologna, July 29, 2013 - Datalogic, a global leader in Automatic Data Capture and Industrial Automation, is pleased to introduce the S8 Series of photoelectric sensors, an innovative solution for diffuse proximity detection of transparent objects without a prismatic reflector, even for the detection of highly reflective objects like glass. The new, patented technology in the S8 Series features a background suppression function making the detection immune to both dark and reflective objects and for backgrounds positioned behind the target, such as metal surfaces.

With two versions that offer long and short range operating distances, Datalogic's S8 Series is the most versatile solution for proximity detection on the market. The LED and LASER emission sensors revolutionize the detection of transparent and reflective objects like glass, PET bottles, plastic films, vials and blisters in the pharmaceutical, food and packaging & processing industries.  Both versions in the series are available in a stainless steel, IP69K case, tested for protection against corrosive action of industrial detergents according to Diversey® and Ecolab® requirements, as well as an economical plastic case.

The LASER version has an adjustable operating distance that ranges from 50 to 150 mm with a highly focused beam of light and quick response time. With these features, the S8 Clear Detection LASER solves the most challenging, high resolution, high precision applications, even in fixed background conditions like the detection of shiny objects with the sensor installed on the lateral side of a conveyor.

The LED version has a longer operating distance, that adjusts from 100 to 300 mm, allowing the beam of light to cover a wider area.  The S8 Clear Detection LED is the ideal solution for the detection of transparent objects and applications with a moving background, like the overhead detection of targets lying on a conveyor belt.

"The new S8 Series adds versatility to Datalogic's existing sensors portfolio, offering our customers a state-of-the art solution for proximity detection. This new series changes the game in the pharmaceutical, food & beverage and packaging industries - no application is too small, too reflective, too transparent or too fast for the S8-M53 LASER and LED sensors," said Sensors & Safety Business General Manager Cosimo Capuzzello.

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