

Press Release

Department: Sensors

Baumer Redesigns Series 14 Photoelectric Sensors

Improvements Facilitate Installation, Operation and Adjustment

Southington, Conn. -- February 27, 2009.... Baumer has redesigned its extensive line of Series 14 photoelectric sensors with a number of improvements that facilitate sensor installation, adjustment and operation. The redesigned sensors now feature transparent rear housings and improved electrical connections including metal M8 connectors, molded M12 connectors, and a patented cable channel for restricted space applications.



Figure 1: Capture 4621

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Baumer Series 14 Sensors are designed to detect the presence, placement/orientation, or size of an object. These photoelectric sensors rely upon either LED or laser light sources and are available with three methods of operation: thru-beam (emitter and receiver), retro-reflective (emitter and reflector) and diffuse (single sensing unit with background suppression, foreground suppression or intensity difference).

All Series 14 Sensors now feature a transparent rear housing that allows operating and reception LEDs to be viewed from practically any angle, simplifying installation and operation. Two new connector styles are now available: an innovative molded M12 (S14) connector and a new metal four-pin M8 connector (S35A) that provides improved resilience and increased torque values.

The redesign of Baumer Series 14 Sensors also includes a patented channel that allows the cable to lay flush against the sensor housing for limited space installations. This channel requires no additional depth like a plug-in connector, and can face backward or upward depending upon installation requirements.

A comprehensive range of accessories and fasteners are compatible with the redesigned sensor family. Series 14 Sensors are used in a range of industrial applications in the automotive, electronics, heavy equipment, packaging, printing/graphics, textile processing and wood processing industries.

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This article and the illustration are approved for publication

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Baumer Group

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