

PRESS RELEASE

W100-2 Versatile miniature photoelectric sensors with large sensing ranges

Waldkirch, March 2015 – W100-2 miniature photoelectric sensors are compatible with all standard detection principles (through-beam photoelectric sensors, photoelectric retro-reflective sensors, photoelectric retro-reflective sensors for detecting transparent objects, energetic sensors, and sensors with background blanking), making them an ideal sensor family for detection applications. The housing design includes M3 threaded mounting holes, spaced one inch apart, that allows for straightforward, standardized, and inexpensive mounting. As a result, the W100-2 product family offers an economical photoelectric sensor solution with outstanding performance.

Energetic photoelectric proximity sensor with long sensing range

The energetic WT100-2 photoelectric proximity sensor features long sensing ranges of up to 1.2 m. The bright, visible light spot, the clearly visible status indicator LED s and the integrated M3 threaded mounting hole make commissioning quick and easy. The photoelectric proximity sensor is suitable for executing numerous tasks: Options in terms of switching output (PNP or NPN) and connectors (male connector, M8, 3-pin; male connector, M8, 4-pin; cable, 2 m), light/dark switching and sensitivity adjustment allow for a wide variety of sensor variants. The extensive range of accessories also opens up a diverse spectrum of application possibilities.

Reliable detection: photoelectric proximity sensor with background blanking

The WT100-2 photoelectric retro-reflective sensor with background blanking features reliable detection while simultaneously blanking backgrounds. The bright, visible light spot, the clearly visible status indicator LED s and the integrated M3 threaded mounting hole make commissioning quick and easy. The photoelectric sensor is suitable for executing numerous tasks: Options in terms of switching output (PNP or NPN) and connectors (male connector, M8, 3-pin; male connector, M8, 4-pin; cable, 2 m), light/dark

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switching and sensitivity adjustment allow for a wide variety of sensor variants. The extensive range of accessories also opens up a diverse spectrum of application possibilities.

Photoelectric retro-reflective sensor with long sensing range

The WL100-2 photoelectric retro-reflective sensor features long sensing ranges of over 7 m on the PL80A reflector. The bright, visible light spot, the clearly visible status indicator LEDs and the integrated M3 threaded mounting hole make commissioning quick and easy. The photoelectric sensor is suitable for executing numerous tasks: Options in terms of switching output (PNP or NPN) and connectors (male connector, M8, 3-pin; male connector, M8, 4-pin; cable, 2 m), light/dark switching and sensitivity adjustment allow for a wide variety of sensor variants. The extensive range of accessories also opens up a diverse spectrum of application possibilities.

Photoelectric retro-reflective sensor for detecting transparent objects

The WL100-2 photoelectric retro-reflective sensor for detecting transparent objects features reliable switching and long sensing ranges for transparent materials. The bright, visible light spot, the clearly visible status indicator LEDs and the integrated M3 threaded mounting hole make commissioning quick and easy. The photoelectric sensor is suitable for executing numerous tasks: Options in terms of switching output (PNP or NPN) and connectors (male connector, M8, 3-pin; male connector, M8, 4-pin; cable, 2 m), light/dark switching and sensitivity adjustment allow for a wide variety of sensor variants. The extensive range of accessories also opens up a diverse spectrum of application possibilities.

Through-beam photoelectric sensor with long sensing range

The WS/WE100-2 through-beam photoelectric sensor features long sensing ranges of over 30 m. The bright, clearly visible light spot, the clearly visible status indicator LEDs and the integrated M3 threaded mounting hole make commissioning quick and easy. Options in terms of switching output (PNP or NPN) and connectors (male connector, M8, 3-pin; male connector, M8, 4-pin; cable, 2 m), light/dark switching and sensitivity adjustment allow for a wide variety of sensor variants. Thanks to the extensive range of accessories (incl. slotted diaphragms and polarization filter attachments), in addition to standard applications, positioning tasks can be carried out and small objects can be detected reliably.