

W 250: Compact photoelectric switch series for a broad range of applications

	Photoelectric proximity switches, BGS
	Photoelectric reflex switches
	Through-beam photoelectric switches



- WT 250 photoelectric proximity switch with an adjustable scanning distance of 300 to 550 mm and background suppression.

Two supply voltage ranges with interface to permit further processing of sensor signals are available:

low voltage 10...30 V DC with PNP or NPN switching output, with M 12 plug, 4-pin (rotatable by 90°) or connecting cable. The L.ON/D.ON control cable reduces the number of variants by half.

Universal voltage 12...240 V DC and 24...240 V AC, with potential-free relay switching output (SPDT).

The W 250 series of photoelectric switches is characterised by large scanning ranges, simple handling and a wide variety of application possibilities.

The principal areas of application for the W 250 are:

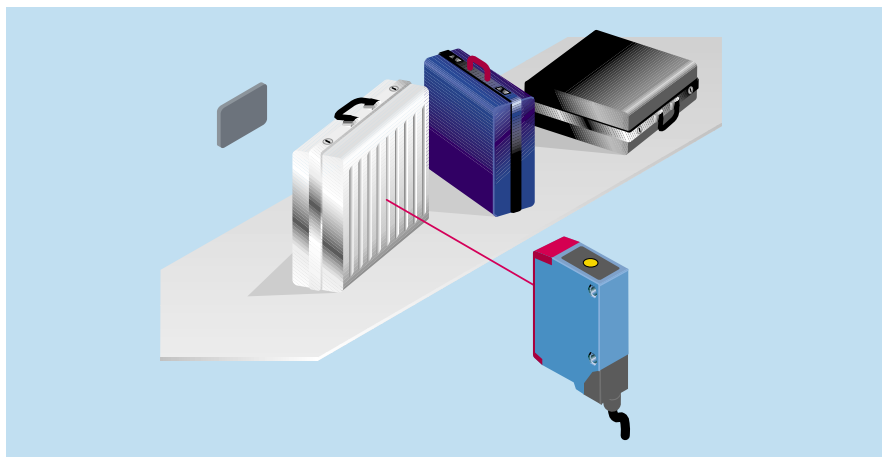
- handling and warehousing systems,
- door and gate control,
- wood working.

The mounting bracket and, for the WL 250, the P 250 reflector are included. In addition, the visible red light of the sender LED also facilitates adjustment and handling.

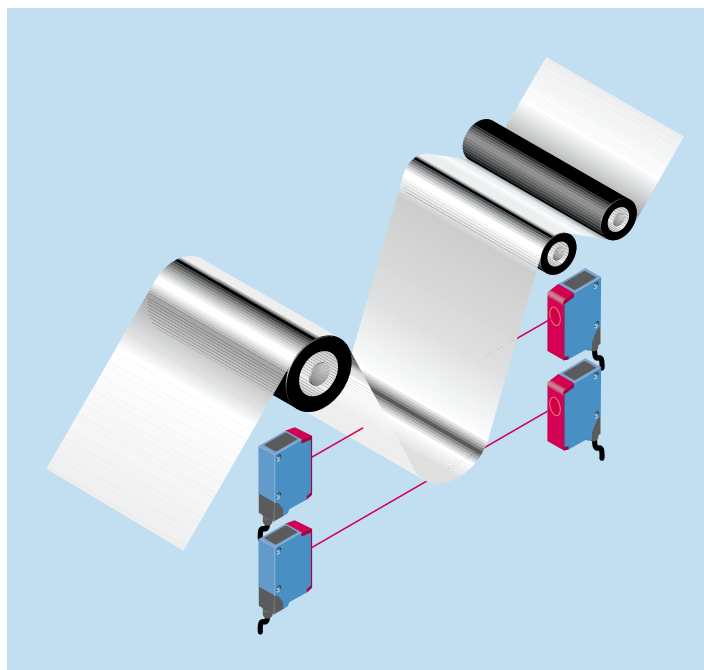
The scanning ranges:

- WS/WE 250 through-beam photoelectric switch: 20 m,
- WL 250 photoelectric reflex switch WL 250: 11 m, with polarising filter,

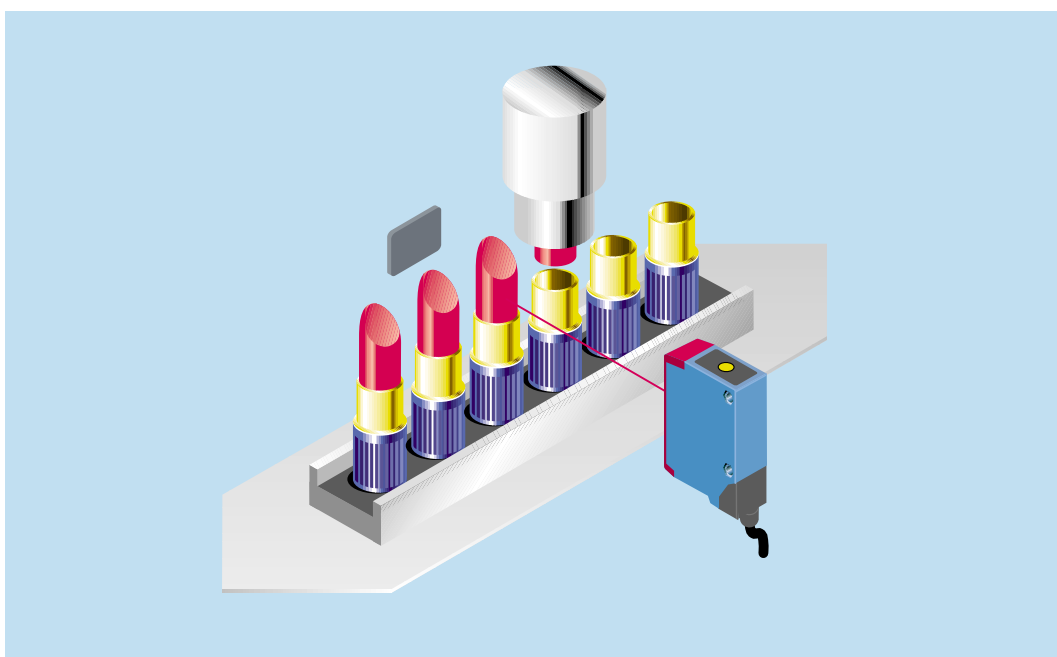
► WL 250 photo-electric reflex switches reliably detect glossy objects on conveyor belts.



▼ Checking heights on a packaging line – the WT 250 is used to solve this problem.



▲ No problems encountered in the continuous production of film and sheet metal runs. Through-beam photoelectric switches are used to monitor material looping to ensure that the tension of the run is correct.



◀ No unpleasant surprises for the consumer. WL 250 photoelectric reflex switches ensure that lipsticks are the right length.