




# W 18-2: Integrated state-of-the-art technology for intelligent solutions

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



Furthermore, the devices also incorporate a large number of features that are usually only found in special versions, e.g. the test input of the WS/WE 18-2 and WL 18-2, the adjustable scanning distance with background suppression of the WTV 18-2, individual plugs, or status LEDs as signal strength indicators, alignment aids, or pre-failure signalling output.

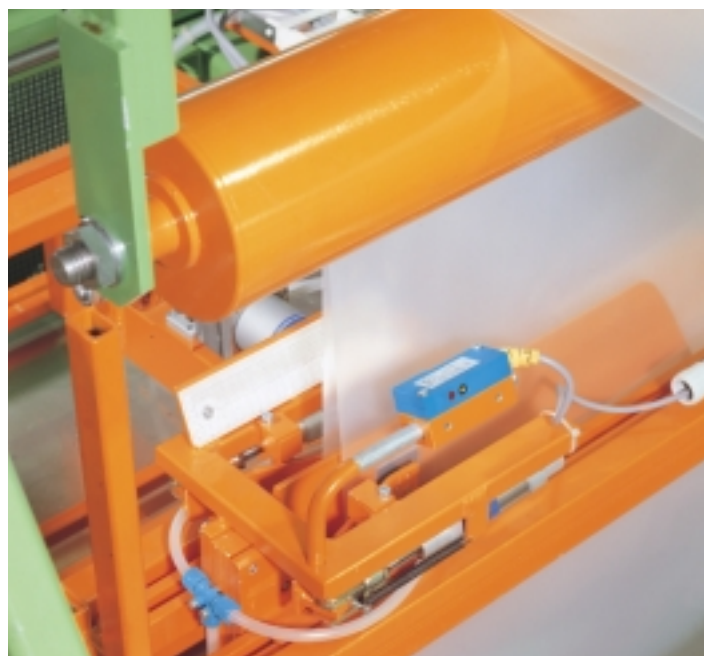
The WTV 18-2 photoelectric proximity switch has been specially developed for and with the packaging industry. Its features include: its broad optical basis, internally adjustable optics, state-of-the-art electronics, powerful background suppression and optimised light spot geometry which together provide a previously unattainable level of immunity against ambient reflections. The detection of plastic bags on a conveyor belt, glossy and differently sized coffee packets or drinks cartons before being packed, cakes packed in plastic film on a stainless steel chain conveyor, or drinking straws attached to drinks containers – all of these tasks can be mastered without any problem with the WTV 18-2.

The W 18-2 series of photoelectric switches is ideal for handling systems as well as for packaging machines and other complex tasks. WT 18-2 photoelectric proximity switches, WL 18-2 photoelectric reflex switches, or WS/WE 18-2 through-beam photoelectric switches – thanks to their glass-fibre-reinforced and fully welded plastic housing, all of these sensors have the robustness required for industrial applications. Extremely large scanning ranges are an additional feature: up to 20 metres for the through-beam photoelectric switch, up to 7 metres for the photoelectric reflex switch and 600 mm or 700 mm for the photoelectric proximity switch (depending on whether a red light or infrared light source is used).



◀ WTV 18-2 sensors used to check the presence of objects along the individual lanes of a packaging line for packs of coffee.

▼ Transparency poses no problems: the WL 18-2 photoelectric reflex switch monitors the edges of packaging film.



▲ Is the packaging unit complete? WT 18-2 photoelectric proximity switches provide us the answer.



► Leak test for plastic bottles: WT 18-2 sensors used to check the presence of test objects in the automatic machine.