

W 36: Mastering complex tasks reliably

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



electric proximity switch, which also offers adjustable scanning distance and background suppression.

Great demands are often placed on the mechanical endurance of sensors. Suitable enclosure ratings (depending on the type of connection) of IP 65 and IP 67, robust plastic housings, pre-failure signalling output and indicator, and insensitivity to ambient light ensure reliable switching in hostile industrial environments.

Users have long appreciated the benefits of the W 36 series of photoelectric switches. Thanks to their design, the devices can be used both indoors and outdoors, since all DC types are suitable for temperatures ranging from -40 to $+55$ °C and polarising filters also make it possible to detect shiny surfaces. The scanning ranges of the W 36 series speak for themselves: 60 metres for the WS/WE 36 through-beam photoelectric switch, 22 metres for the WL 36 photoelectric reflex switch and 800 mm for the WT 36 photo-

Universal voltage versions, time delay, test input and selectable light- or dark-switching are additional characteristic features of the W 36 series.



◀ Making sure that crates are full: WL 36 photoelectric reflex switches used to count coloured bottles before packaging.



▲ WL 36 sensors used to detect mesh baskets in front of a goods lift.



◀ WL 36 photoelectric reflex switches checking the presence of beer crates before automatic removal of the bottle caps.

► Hot or cold, wet, dry or dusty – WL 36 photoelectric reflex switches are designed for use under hostile operating conditions indoors and outdoors – here they are being used on the roll-up gate of a carwash.

