



Photoelectric sensors W8, Photoelectric proximity sensor, Background suppression

WTB8-P2231



Model Name > [WTB8-P2231](#)
Part No. > [6033209](#)



Illustration may differ

At a glance

- Background suppression
- Standard miniature housing with M3 threaded mounting holes
- Light/dark switching selectable via rotary switch

Your benefits

- Reliable detection of objects regardless of color or surface qualities
- Background suppression provides a high level of precision and repeatability
- Highly visible light spot simplifies alignment
- M3 mounting holes ensure quick installation



Features

Sensor/detection principle:	Photoelectric proximity sensor, Background suppression
Dimensions (W x H x D):	11 mm x 31 mm x 20 mm
Housing design (light emission):	Rectangular, Slim
Sensing range max.:	30 mm ... 300 mm ¹⁾
Sensing range:	40 mm ... 300 mm
Type of light:	Visible red light
Light source:	LED ²⁾
Wave length:	650 nm
Alarm output:	-
Focus adjustable:	-
Adjustment:	Potentiometer, 4-turn
Light spot size (distance):	Ø 20 mm (300 mm)

¹⁾ Object with 90 % reflectance (referred to standard white DIN 5033) ²⁾ Average service life of 100,000 h at T_A = +25 °C

Mechanics/electronics