

Photoelectric sensor Code : WTB9-3P2461

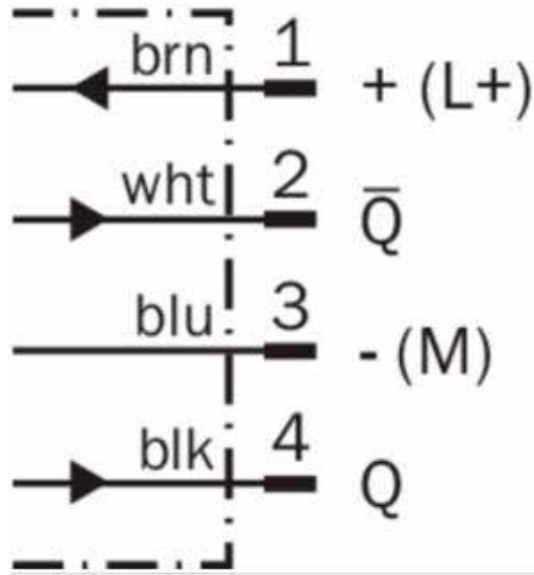
Sick Photoelectric sensors are ideal for the detection of differences in contrast. They detect objects depending on their surface, color and material. They are inexpensive, easy to mount and align. Diffuse sensors with background suppression ensure reliable detection regardless of the surface, color and material. Their pulse width is almost constant, even with different reflectance.

General Attributes

- Dimensions (WxHxD) : 12.2mm x 52.2mm x 23.6 mm
- Sensing range : 20 mm ... 200 mm)
- Sensing range max. : 20 mm ... 350 mm)
- Type of light : Visible red light
- Light source : LED
- Adjustment : Potentiometer, 5 turns
- Supply voltage : 10 V DC ... 30 V DC)
- Output type : PNP
- Output function : Complementary
- Switching mode : Light/dark switching
- Output current I_{max.} : ≤ 100 mA)
- Response time : < 0.333 ms)
- Switching frequency : 1,500 Hz)
- Connection type : Male connector M12, 4-pin
- Housing material : Plastic, VISTAL®, Plastic, PMMA
- Enclosure rating : IP66, IP67, IP69K
- Ambient operating temp. : -40 °C ... +60 °C
- Ambient storage temp. : -40 °C ... +75 °C

Application Notes

- Detects Presence of Transparent Films
- Detects Transparent Bottles
- Warning Alarm For Bottles
- Detects Full IC Bottles
- Detects Wafer Cassette Racks
- Counts Clear Plastic in High Speed



Connection diagram

For further information please visit : <https://goo.gl/kUQEzL>



We are the authorized distributor of SICK in Bangladesh.