



Fotoprzełączniki W45, Fotoprzełącznik refleksyjny, Standard optics

WL45-P260



Nazwa modelu > **WL45-P260**

Numer części > **1008668**



Produkt może różnić się od ilustracji

At a glance

- Long sensing range
- Rugged metal housing
- Optional: Powerful front lens heating
- Optional test input, time delays and alarm output
- Variants for 10 - 60 V DC or 24 - 240 V DC / 24 - 240 V AC voltage supply

Your benefits

- A long, 55 m sensing range with a high operating reserve ensures reliable continuous operation
- Rugged metal housing ensures a long service life in harsh industrial environments
- Front lens heating prevents condensation for reliable operation in outdoor applications
- Multiple functions for simpler integration of individual systems
- Variants DC voltage and universal AC/DC voltage provides installation flexibility due to same housing
- Easy alignment due to visible red light



Cechy

Zasada działania czujnika/Sposób detekcji:	Fotoprzełącznik refleksyjny, Standard optics
Wymiary (Szer. x Wys. x Głęb.):	60 mm x 105 mm x 105 mm
Housing design (light emission):	Prostopadłościenna
Maks. strefa działania:	1 m ... 55 m ¹⁾
Sensing range:	1 m ... 45 m ²⁾
Rodzaj światła:	Widzialne światło czerwone
Nadajnik światła:	LED ³⁾
Typ czasu:	Time delay off, ON and OFF delay, Przełącznik z opóźniaczem
Czas opóźnienia:	0,015 ... 0,3 s, Adjustable via time delay selector switch: 0,5 ... 12 s
Nastawa:	Potentiometer
Średnica plamki świetlnej (odległość):	Ø 230 mm (16 m)

^{1) 2)} OP60-00 ³⁾ Average service life of 100,000 h at T_A = +25 °C

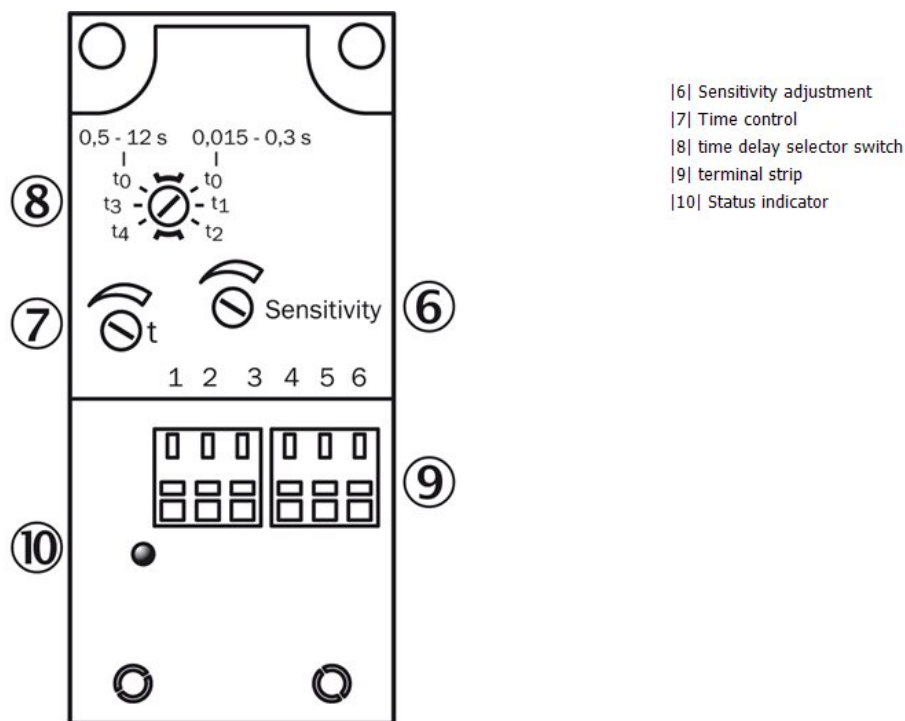
Mechanika/elektronika

Napięcie zasilania:	10 V DC ... 60 V DC ¹⁾
Tętnienia resztkowe:	≤ 5 Vss ²⁾
Pobór prądu:	≤ 50 mA ³⁾

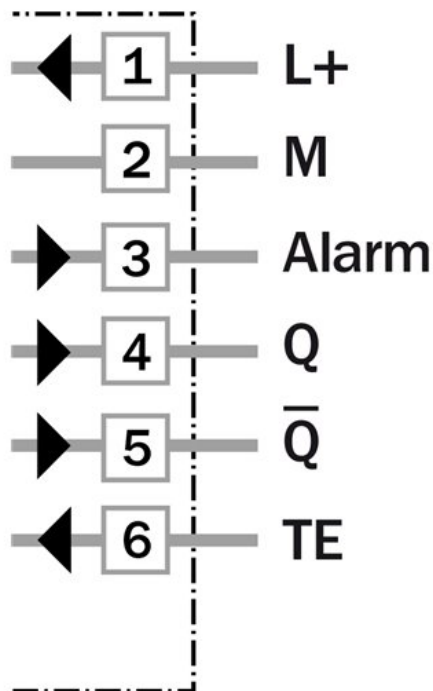
1) Limit values 2) May not exceed or fall short of V_S tolerances 3) Bez obciążenia 4) Signal transit time with resistive load 5) With light/dark ratio 1:1 6) $A = V$
connections reverse-polarity protected 7) C = interference suppression 8) D = outputs overcurrent and short-circuit protected 9) Reference voltage 50 V DC 10)
Flashes at approx. 5 Hz, switch to VS 11) Up to 140 °C with cooling plates (see accessories)

- 1| Center of optical axis, sender
- 2| Center of optical axis, receiver
- 3| LED signal strength indicator
- 4| M6 threaded mounting hole, 8 mm deep
- 5| Alignment sight

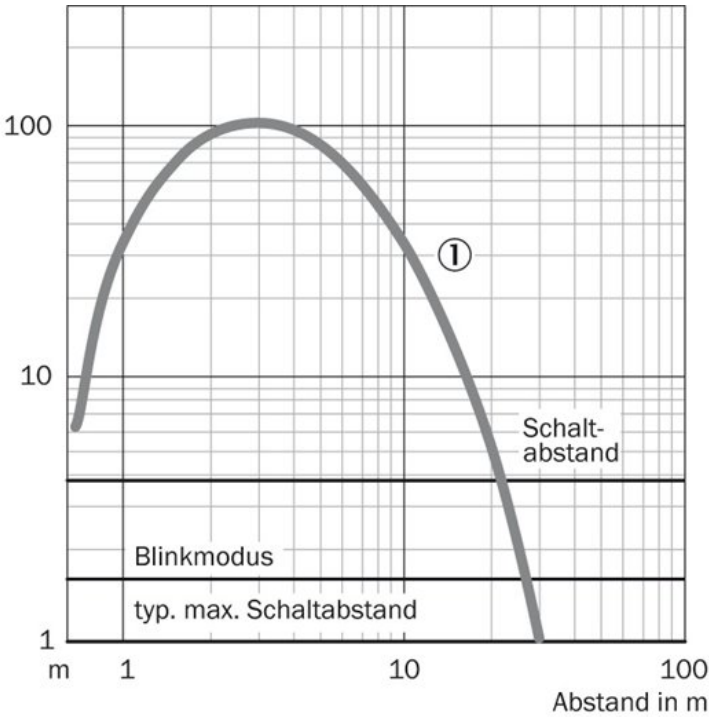
Adjustments possible



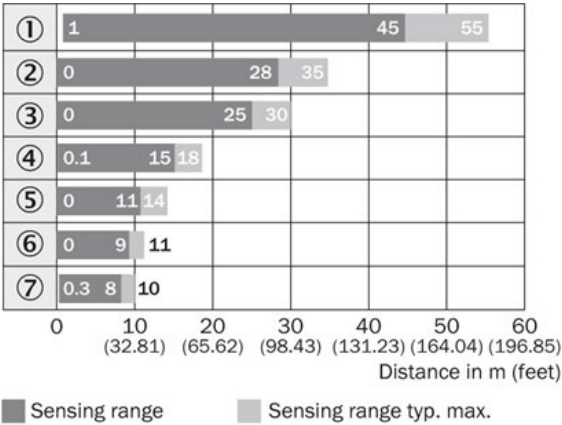
Connection diagram



Characteristic curve



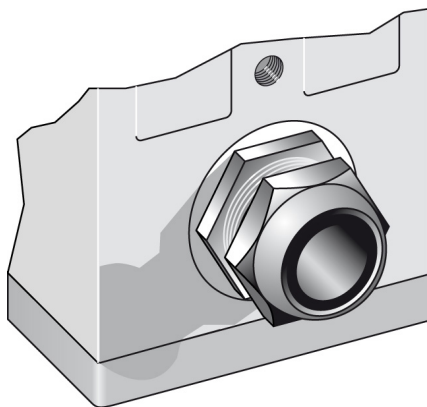
Sensing range diagram



Reflector type

- ① OP60 ... ∞
- ② 4 x PL80
- ③ PL80A
- ④ C110
- ⑤ PL50
- ⑥ PL30
- ⑦ Reflective tape Diamond Grade

Connection type



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