

WL34-R240







Photoelectric sensors W34, Photoelectric retro-reflective sensor, Standard optics

Model Name > WL34-R240 Part No. > 1019250



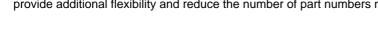
Illustration may differ

At a glance

- · High operating reserve at a long range
- · Switch selectable PNP or NPN output
- · and light/dark switching
- Versions with DC voltage (10...30V) or universal AC/DC voltage (12 ... 240 V DC / 24 ... 240 V AC)
- · Optional test input, adjustable ON and OFF time delays, alarm output
- M12 or terminal chamber connection: 90° rotatable
- · UL approval

Your benefits

- · High operating reserve at a long range minimizes downtime
- · Alarm output provides early warning that maintenance may be needed
- · Test input allows users to validate that the sensor is operating as expected
- The sensor cover protects configuration components against environmental hazards
- Adjustable time delay, alarm output, test input, and universal AC/DC voltage provide additional flexibility and reduce the number of part numbers needed





Features

Sensor/detection principle: Photoelectric retro-reflective sensor, Standard optics

Dimensions (W x H x D): 27 mm x 92 mm x 70 mm

Housing design (light emission): Rectangular

Sensing range max.: 0.03 m ... 22 m 2)
Sensing range: 0.03 m ... 22 m 2)
Type of light: Visible red light

Light source: LED 3)
Wave length: 660 nm

Time type: Time delay off, Switch on delay, Adjustable

Delay time: Adjustable via time delay selector switch: 0.5 ... 10 s

Adjustment: Potentiometer
Light spot size (distance): Ø 250 mm (15 m)

1) 2) PL80A $^{3)}$ Average service life of 100,000 h at T $_{A}$ = +25 $^{\circ}$ C

Mechanics/electronics

Supply voltage:: 12 V DC ... 240 V DC, 24 ... 240 V AC ^{1) 2)}