ONLINE DATA SHEET
www.mysick.com

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

WL34-R240

SICK
Sensor Intelligence.

SICK
Sensor Intelligence.

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 [1)]
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 °C

Mechanics/electronics

Supply voltage::	12 V DC ... 240 V DC, 24 ... 240 V AC [1) 2)]

© SICK AG. Subject to change without notice.