



LD-PeCo

Innovative people counting for better building automation

SICK
Sensor Intelligence.



Technical data overview

Application	Indoor / Outdoor (depending on type)
Integrated application	People counting
Aperture angle	Horizontal 90°
Working range	2.5 m ... 15 m (depending on type)
Scanning range	At 10% remission factor 5.5 m ... 15 m (depending on type)
Scanning frequency	10 Hz
Heating	Yes
Ambient operating temperature	0 °C ... +40 °C -25 °C ... +50 °C ¹⁾
Digital outputs	2 („Count IN“, „Count OUT“)
Weight	+ 6 kg / + 8.5 kg (depending on type)

¹⁾ Below 0 °C with heating operating, warm-up time approx. 90 minutes at -25 °C.

Product description

The LD-PeCo is based on proven time-of-flight technology from SICK. An invisible double laser curtain detects persons walking through it. The direction of passage is determined, allowing unambiguous numbers to be provided. The LD-PeCo is easy to install, offers accurate counting and is maintenance-free. Unlike conventional counting technology, counting of persons with the LD-PeCo is possible at very high mounting positions. Fixed structures within the counting area can be blanked. In contrast to camera technology, the number results are not impaired by external factors, large numbers of people, or shaded areas in the field of view.

At a glance

- Simultaneous counting of incoming and outgoing people
- Able to use with large passage widths
- High mounting heights possible

Your benefits

- Time-of-flight technology guarantees high count quality and reliability
- Due to its large range, installation on an existing ceiling or doorway is simple
- Large passage widths generally require only one sensor, reducing installation time and overall costs

Ordering information

Other models and accessories → www.sick.com/LD-PeCo

- **Integrated application:** People counting
- **Color:** White aluminum (RAL 9006)
- **Scanning frequency:** 10 Hz

Working range	Enclosure rating	Connection type	Type	Part no.
2.5 m ... 5.5 m	IP40	1 x 10-pin terminal strip on internal circuit board	LD-PeCo-5,5	1023382
3 m ... 15 m	IP67	1 x 20-pin Harting plug connection with 1 x screw terminal block and 3 x PG11 cable fitting for cable diameter 5 to 12 mm	LD-PeCo3100	1044564
5.5 m ... 15 m	IP40	1 x 10-pin terminal strip on internal circuit board	LD-PeCo-15	1023383

SICK AT A GLANCE

SICK is one of the leading manufacturers of intelligent sensors and sensor solutions for industrial applications. A unique range of products and services creates the perfect basis for controlling processes securely and efficiently, protecting individuals from accidents and preventing damage to the environment.

We have extensive experience in a wide range of industries and understand their processes and requirements. With intelligent sensors, we can deliver exactly what our customers need. In application centers in Europe, Asia and North America, system solutions are tested and optimized in accordance with customer specifications. All this makes us a reliable supplier and development partner.

Comprehensive services complete our offering: SICK LifeTime Services provide support throughout the machine life cycle and ensure safety and productivity.

For us, that is “Sensor Intelligence.”

WORLDWIDE PRESENCE:

Contacts and other locations –www.sick.com