



Laser scanners  
LD-PeCo / Outdoor / Mid Range

LD-PeCo3100



**Model Name** > LD-PeCo3100  
**Part No.** > 1044564



**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

**Note: The product has been phased out. Please contact your national subsidiary/agent for further information.**



**Features**

Field of application:	Outdoor
Version:	Mid Range
Light source:	Infrared (905 nm)
Laser class:	1, eye-safe
Field of view:	90 °
Scanning frequency:	10 Hz
Heating:	Yes
Operating range:	3 m ... 15 m
Max. range with 10 % reflectivity:	15 m
Corridor width:	1 m ... 26 m

**Performance**

Detectable object shape:	Almost any
Integrated application:	People counting

**Interfaces**

Serial (RS-422):	✓
Data transmission rate (Serial (RS-422)):	19,200 Baud
Ethernet:	-
CAN bus:	-

PROFIBUS DP:	-
PROFINET:	-
DeviceNet:	-
Switching outputs:	2 („Count IN", „Count OUT")

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**Mechanics/electronics**

Electrical connection:	1 20-pin Harting plug connection with 1 x screw terminal block and 3 x PG11 cable fitting for cable diameter 5 to 12 mm
Operating voltage:	24 V
Power consumption:	36 W, + 140 W heating
Housing color:	White aluminium (RAL 9006)
Enclosure rating:	IP 67
Weight:	8.5 kg
Dimensions:	340 mm x 350 mm x 180 mm

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**Ambient data**

Electromagnetic compatibility (EMC):	(EN 61000-6-3 (2001-10)) (EN 61000-6-1 (2001-10))
Ambient operating temperature:	-25 °C ... 50 °C <sup>1)</sup>
Storage temperature:	-30 °C ... 80 °C

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

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**General notes**

Note on use:	Not suitable for personnel protection
Life cycle phase:	Phased out

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