

SICK LMS100

Product Data Sheet

LMS100-10000

2D laser measurement sensor

FUNCTION 2D laser measurement sensor	FAMILY SICK LMS100	ORIGIN Germany	WEIGHT 1.10 kg
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SICK LMS100-10000 is a 2D laser measurement sensor for the SICK LMS100. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Response time	≥ 20 ms
Scanning frequency	25 Hz / 50 Hz
Ambient operating temperature	0 °C ... +50 °C
Data transmission rate	10/100 MBit/s
Operating voltage	10.8 V DC ... 30 V DC
Power consumption	Typ. 8 W
Storage temperature	−30 °C ... +70 °C
Angular resolution	0.25° 0.5°
Max. range with 10 % reflectivity	18 m
Operating range	0.5 m ... 20 m

ADDITIONAL PRODUCT DATA

Electrical connection	1 x system plug with screw terminal block
Protection class	III, EN 50178 (1997;10)
Mounting kit 1a	2034324
Mounting kit 1b	2034325
Mounting kit 2	2039302

OFFICIAL APPLICATIONS

- Gas treatment and metering stations: Machine Control Systems
- Polymer preparation and extrusion lines: Facility Automation Systems
- Tablet compression and coating suites: Remote Station Systems

SYSTEM COMPATIBILITY

Match LMS100-10000 to the installed SICK LMS100, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[SICK official manufacturer documentation](#)

<https://www.sick.com/>

AMIKON PRODUCT SUPPORT

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