LEUZE ODSL 96B OPTICAL DISTANCE SENSORS

Product Data Sheet

96BM/C6-2000-S12

ODSL 96B laser distance sensor

FUNCTION	FAMILY	ORIGIN	WEIGHT
ODSL 96B laser distance sensor	**Leuze ODSL 96B optical distance**	**Germany**	**0.38 kg**

Leuze Electronic 96BM/C6-2000-S12 is a ODSL 96B laser distance sensor for the Leuze ODSL 96B optical distance sensors. The values below are limited to the exact documented article.

01 VERIFIED TECHNICAL DATA

Sensor type	Optical laser distance sensor
Measurement range	150-2000 mm
Resolution	1-3 mm
Light source	655 nm visible red laser
Measurement time	1-5 ms
Response time	15 ms maximum
Operating voltage	18-30 V DC
Switching output	Push-pull
Analog outputs	1-10 V and 4-20 mA
Connection	M12 connector

02 ADDITIONAL PRODUCT DATA

Housing	Die-cast zinc
Protection	IP67 / IP69K
Laser class	Class 2
Operating temperature	-20 to +50 degrees C

03 OFFICIAL APPLICATIONS

- Distance Measurement and Position Detection: Non-contact distance measurement; component position verification
- Object Tracking and Alignment: Conveyor object detection; alignment and clearance monitoring
- Dimensional Inspection and Presence Checking: Automated measurement; tolerance and presence verification

04 SYSTEM COMPATIBILITY

Match 96BM/C6-2000-S12 to the installed Leuze ODSL 96B optical distance sensors, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

05 OFFICIAL SOURCES

Official Leuze Electronic technical documentation for 96BM/C6-2000-S12

Selected official manufacturer pages; visible website addresses removed from this reference package.

AMIKON PRODUCT SUPPORT

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